

---

UNITED STATES  
DEPARTMENT OF AGRICULTURE

•

AGRICULTURAL  
STATISTICS  
1948



UNITED STATES  
GOVERNMENT PRINTING OFFICE  
WASHINGTON : 1949

---

For sale by the Superintendent of Documents, U. S. Government Printing Office  
Washington 25, D. C.



US.8 Als7

1948

TS  
Ref

# Agricultural Statistics, 1948

Prepared under the direction of the Yearbook Statistical Committee:  
 RICHARD K. SMITH, *Chairman*; PAUL FROELICH, *Secretary*; RALPH  
 U. BATTLES, ROBERT H. BLACK, FLOYD E. DAVIS, TIMOTHY G. HORN-  
 UNG, GERHARD J. ISAAC, ALMON T. MACE, SAMUEL W. MENDUM, and  
 DAVID M. PETTUS.

## CONTENTS

	Page		Page
Introduction.....	2	V—Hay, seeds, etc.—Continued	
Weights, measures, and conversion factors..	4	Peppermint and spearmint.....	329
I—Grains:		Popcorn.....	330
Food grains:		Velvetbeans.....	331
Wheat.....	7	VI—Beef cattle, hogs, sheep, horses, and	
Rye.....	24	mules:	
Rice.....	32	Beef cattle.....	332
Buckwheat.....	40	Hogs.....	350
Feed grains:		Sheep.....	362
Corn.....	43	Wool.....	376
Oats.....	56	Goats and mohair.....	383
Barley.....	64	Meat and meat products.....	385
Sorghums.....	73	Hides.....	391
Grain consumption.....	72	Horses and mules.....	392
Feedstuffs.....	77	Animal units.....	395
II—Cotton, sugar, and tobacco:		Livestock index numbers.....	396
Cotton.....	79	Animal diseases.....	397
Other fibers.....	94	VII—Dairy and poultry products:	
Sugar plants and sugar.....	97	Cows and dairy products.....	398
Sirups.....	113	Chickens.....	434
Honey and beeswax.....	117	Turkeys.....	455
Tobacco.....	122	Eggs.....	463
III—Oilseeds, fats, and oils:		VIII—Foreign trade of the United States:	
Cottonseed.....	135	Exports, imports, etc., of agricultural	
Flaxseed.....	138	products.....	474
Olive oil.....	143	Exports by destination.....	486
Peanuts.....	143	Imports by origin.....	514
Soybeans.....	149	IX—Farm resources, income, and expenses:	
Tung nuts.....	156	Farm property.....	527
Oleomargarine.....	157	Population and employment.....	541
Shortening.....	158	Farm production and distribution.....	554
Fats and oils.....	160	Prices and income.....	577
IV—Fruits, vegetables, melons, tree nuts, and		Costs and expenses.....	599
beverage crops:		Credit and loan programs.....	630
Fruits and berries.....	171	X—Agricultural conservation and forestry	
Seasonal groupings of commercial truck		statistics:	
crops for fresh market.....	228	Agricultural conservation programs	
Vegetables and melons.....	229	branch of P.M.A.....	672
Miscellaneous statistics.....	284	Soil Conservation Service.....	679
Tree nuts.....	287	Soil surveys.....	687
Coffee, tea, and cacao beans.....	293	Forest Service statistics.....	688
V—Hay, seeds, and minor field crops:		Turpentine and rosin.....	710
Hay.....	296	XI—Miscellaneous statistics:	
Pasture and range.....	301	Weather Bureau reports.....	714
Seeds.....	302	Fisheries and fish statistics.....	721
Rates of seedling.....	314	Refrigeration statistics.....	725
Beans, dry, edible.....	315	Frozen-food lockers.....	726
Peas, dry, field.....	321	Agricultural Extension Service.....	727
Broomcorn.....	324	4-H Club work.....	730
Cowpeas.....	325	Index.....	731
Hemp.....	327		
Hops.....	328		

## INTRODUCTION

Agricultural Statistics brings together each year the more important series of statistics compiled in the Department of Agriculture or in other departments whose work concerns agriculture. Although far more information is available than can be included in a single volume, the tables selected give a wide variety of facts in forms suited to most common uses. Inquiries concerning more detailed data or the statistical methodology used should be addressed directly to the agencies to whom tables in this volume are credited. These agencies can also answer questions about past and prospective revisions in published data.

Historical series have again been generally limited to data beginning with 1929 or 1930, or to the most recent 10 years. Agricultural Statistics for 1942 is still the most complete reference for earlier data. In building up series from earlier volumes, however, it should be remembered that statistics most recently published supersede those published previously.

The table of contents indicates the general lay-out of the book, and page headings indicate the subdivisions within each chapter.

The term "farm value" as used in the various tables means the value of farm products at the local market. The word "year" (alone) in a column heading means "calendar year."

When the word "Yearbook" appears alone, it refers to the Yearbook of Agriculture, published annually by the Department of Agriculture. Through 1935, approximately one-half of each Yearbook carried the kind of material that is now published separately in Agricultural Statistics.

### DEPARTMENT ESTIMATES AND CENSUS FIGURES

Estimates of the Department of Agriculture are made primarily to give timely current State and national totals and averages. They are based on "benchmark" data supplied by the quinquennial census of agriculture and on sample data supplied by farmers and by people who do business with farmers, together with check data from other sources. Being estimates, they are subject to revisions as more data become available from commercial or Government sources.

Census data are the results of the most nearly complete enumeration or actual count that can be made, and are used for many other purposes than determining State and national totals and averages. For example, each census provides much detailed information about counties and minor civil divisions. It also provides data which can be organized into many frequency distributions and cross-classifications for large and small portions of the country.

The definition of a census precludes revising census data to bring them in line with other indications, even though in practice it is

difficult to obtain a complete enumeration. Any effort to make such revisions would produce estimates.

For census years, many tables carry both census figures and this Department's estimates.

Generally, where there are appreciable differences between census figures and this Department's final estimates, the process of checking and revising estimates has indicated that some sources provide more nearly complete information about some items than the census has been able to obtain. For example, this Department's estimates of tobacco production can be considered more precise than census figures, because the estimates are revised in line with actual production as shown independently by Internal Revenue records and State records of tobacco sales. Sugar-beet and sugarcane production and acreage estimates are adjusted to the quantities actually reported by sugar factories. Check information on peanuts is available from processors for areas sometimes including several States. Another illustration may be found in the introduction to the chapter on livestock statistics.

Additional information about the relation between census data and the Department of Agriculture's estimates can be obtained from the Bureau of Agricultural Economics, U. S. Department of Agriculture, Washington 25, D. C.

#### WEIGHTS, MEASURES, AND CONVERSION FACTORS

"Ton" when used in this book without qualification means a short ton of 2,000 pounds.

The subjoined table of weights, measures, and conversion factors covers the most important agricultural products, or the products for which such information is most frequently asked in the Department of Agriculture. It does not cover all farm products nor all containers for any one product.

The figures were assembled from various sources within the Department and from State schedules of legal weights. For most products, particularly fruits and vegetables, there is a considerable variation in weight per unit of volume, due to differences in variety or size of the commodity, condition and tightness of pack, degree to which the container is heaped, etc. Effort was made to select the most representative and fairest average for each product. For those commodities which develop considerable shrinkage, the point-of-origin weight or weight at harvest was used.

The approximate or average weights, as given in this table, do not necessarily have official standing as a basis for packing or as grounds for settling disputes. Not all of them are recognized as legal weights. The table was prepared chiefly for use of workers in the Department of Agriculture who have need of conversion factors in statistical computations. The figures are subject to revision.

## WEIGHTS, MEASURES, AND CONVERSION FACTORS

[See explanatory text just preceding this table]  
WEIGHTS AND MEASURES

Commodity	Unit <sup>1</sup>	Approximate net weight	Commodity	Unit <sup>1</sup>	Approximate net weight
		<i>Pounds</i>			<i>Pounds</i>
Alfalfa seed.....	Bushel.....	60	Grain sorghums.....	Bushel.....	56 and 50
.....do.....	.....do.....	48	Grapefruit:		
Apples.....	Box <sup>2</sup> .....	44	Florida and Texas.....	Box <sup>17</sup> .....	80
Apricots.....	Barrel.....	140	California.....	do <sup>18</sup> .....	19 68
Western.....	Bushel.....	48	.....do.....	Bushel.....	45
Artichokes:	Crate <sup>3</sup> .....	22	Eastern.....	12-quart basket	18
Globe.....	Box <sup>4</sup> .....	40	Lug box <sup>20</sup> .....	28	
Jerusalem.....	Bushel.....	50	4-basket crate <sup>21</sup> .....	20	
Asparagus.....	Crate.....	30	Keg (2,642 cubic inches).....	72 32	
Avocados:			Box, sawdust pack <sup>22</sup> .....	34	
California.....	Box <sup>5</sup> .....	13	Hempseed.....	Bushel.....	44
Florida.....	do <sup>6</sup> .....	12-15	Hickory nuts.....	do.....	50
Bananas.....	Bunch, 8-9 hands.....	45-65	Honey.....	Gallon.....	11.75
Barley.....	Bushel.....	48	Honey Ball melons.....	Crate.....	70
Beans:			Honey Dew melons.....	do.....	35
Lima, dry.....	do.....	56	Hops.....	Bale, gross.....	200
Others, dry.....	Sack.....	100	Horseradish roots.....	Bushel.....	35
Lima, unshelled.....	Bushel.....	32	Barrel.....	100	
Snap.....	do.....	30	Hungarian millet seed.....	Bushel.....	48 and 50
Beets:			Kaffr.....	do.....	56 and 50
Without tops.....	do.....	52	Kale.....	do.....	18
Bunched.....	Western crate <sup>7</sup> .....	70	Kapok seed.....	do.....	35-40
Berries, frozen pack:			Lard.....	Tierce.....	375
Without sugar.....	50-gallon barrel.....	380	Box <sup>24</sup> .....	19 79	
3+1 pack.....	do.....	425	Lemons, California.....	Bushel.....	60
2+1 pack.....	do.....	450	Lentils.....	Western crate <sup>7</sup> .....	70
Blackberries.....	24-quart crate.....	36	Lettuce.....	Box <sup>17</sup> .....	80
Bluegrass seed.....	Bushel.....	14-30	Limes.....	Gallon.....	7 7
Broomcorn (6 bales per ton).....	Bale.....	333	Linseed oil.....	Gallon.....	11
Broomcorn seed.....	Bushel.....	44-50	Malt.....	Gallon.....	24
Buckwheat.....	do.....	48-52	Maple sirup.....	Gallon.....	8.6
Butter.....	Tub.....	63	Meadow fescue seed.....	Bushel.....	48-50
.....	1½-bushel hamper.....	45-50	Milk.....	Gallon.....	12
Cabbage.....	Western crate <sup>7</sup> .....	80	Molasses.....	Bushel.....	58-60
.....	Jumbo crate <sup>8</sup> .....	70	Mustard seed.....	do.....	32
Cantaloup.....	Bushel.....	50	Oats.....	Lug box <sup>20</sup> .....	25-30
Carrots:			Olives.....	Gallon.....	17.6
Bunched.....	Western crate <sup>7</sup> .....	75	Olive oil.....	do.....	100
Castor beans.....	Bushel.....	46	Onions, dry.....	Bushel, late.....	57
Castor oil.....	Gallon.....	8	.....do.....	Bushel, early.....	50
Cauliflower.....	1½-bushel crate.....	37	Onions, green bunched.....	Crate <sup>7</sup> .....	50-55
Celery.....	¾ crate <sup>19</sup> .....	90	Onion sets.....	Bushel.....	28-32
.....	¼ crate.....	65	Oranges:		
Cherries:			Florida and Texas.....	Box <sup>17</sup> .....	90
With stems.....	Bushel.....	56	California.....	do <sup>18</sup> .....	19 77
Without stems.....	do.....	64	Orchard grass seed.....	Bushel.....	14
Clover seed.....	Flat box <sup>11</sup> .....	15	Palm oil.....	Gallon.....	7 5
Corn:	Bushel.....	60	Parsnips.....	Bushel.....	50
Ear, husked.....	do.....	19 70	.....do.....	do.....	48
Shelled.....	do.....	56	Peanuts.....	Lug box <sup>20</sup> .....	20
Green, sweet.....	do.....	35	Peanut oil.....	Gallon.....	7 7
Meal.....	do.....	50	Peanuts, unshelled:		
Oil.....	Gallon.....	7 7	Virginia type.....	Bushel.....	22
Sirup.....	do.....	11.75	Runners, southern.....	do.....	28
Cotton.....	Bale, gross.....	500	Spanish.....	do.....	30
.....	Bale, net.....	480	Pears, California.....	do.....	48
Cottonseed.....	Bushel.....	13 32	Other.....	do.....	50
Cottonseed oil.....	Gallon.....	7 7	Western.....	Box <sup>24</sup> .....	46
Cowpeas.....	Bushel.....	60	Peas:		
Cranberries.....	Barrel.....	100	Green, unshelled.....	Bushel.....	30
.....	¼-barrel box <sup>14</sup> .....	25	Dry.....	do.....	60
Cream, 40-percent butterfat.....	Gallon.....	8.39	Peppers.....	do.....	25
Cucumbers.....	Bushel.....	48	Perrilla seed.....	do.....	37-40
Dewberries.....	24-quart crate.....	36	Pineapples.....	Crate <sup>23</sup> .....	70
Eggplant.....	Bushel.....	33	.....do.....	Bushel.....	56
Eggs, average size.....	Case, 30 dozen.....	45	Plums and prunes.....	Crate <sup>2</sup> .....	20
Escarole.....	Bushel hamper.....	25	Suitcase lug <sup>27</sup> .....	16	
Figs, fresh.....	Box, single layer <sup>16</sup> .....	6	Popcorn:		
Flaxseed.....	Bushel.....	56	On ear.....	Bushel.....	19 70
Flour, various.....	Barrel.....	196	Shelled.....	Bushel.....	56

WEIGHTS AND MEASURES—(Continued)

Commodity	Unit <sup>1</sup>	Approximate net weight	Commodity	Unit <sup>1</sup>	Approximate net weight
		Pounds			Pounds
Poppy seed.....	Bushel.....	46	Tangerines, Florida.....	1/2 strap <sup>20</sup> .....	40
Potatoes.....	Bushel.....	60	Box <sup>21</sup> .....	45	
Quinces.....	Barrel.....	165	Bushel.....	45	
Rapeseed.....	Bushel.....	48	Tobacco:		
Raspberries.....	Bushel.....	50 and 60	Maryland.....	Hogshead.....	600-800
Redtop seed.....	24-quart crate.....	36	Flue-cured.....	Hogshead.....	900-1,100
Refiner's sirup.....	Bushel.....	14-40	Burley.....	Hogshead.....	1,000-1,200
Rice:	Gallon.....	11.72	Dark air-cured.....	Hogshead.....	1,000-1,250
Rough.....	Bushel.....	45	Virginia fire-cured.....	Hogshead.....	1,050-1,350
Milled.....	Bag.....	100	Kentucky and Tennessee fire-cured.....	Hogshead.....	1,350-1,650
Rosin.....	Barrel.....	162	Cigar leaf.....	Case.....	250-365
Rutabagas.....	Pocket or bag.....	100	Bale.....	150-175	
Sesame seed.....	Drum, net.....	520	Bushel.....	53	
Shallots.....	Bushel.....	56	Lug box <sup>22</sup> .....	32	
Sorgo:	Bushel.....	25	Turnips:		
Seed.....	Bushel.....	50	Without tops.....	Bushel.....	54
Sirup.....	Gallon.....	11.55	Bunched.....	Crate <sup>23</sup> .....	60-80
Soybeans.....	Bushel.....	60	Turpentine.....	Gallon.....	7.23
Soybean oil.....	Gallon.....	7.7	Velvet beans (hulled).....	Bushel.....	60
Spelt.....	Bushel.....	40	Vetch.....	Bushel.....	60
Spinach.....	Bushel.....	18	Walnuts.....	Bushel.....	50
Strawberries.....	24-quart crate.....	36	Water, 60°F.....	Gallon.....	8.33
Sudan grass seed.....	Bushel.....	40	Watermelons.....	Melon of average or medium size.....	25
Sugarcane sirup.....	Gallon.....	11.35	Wheat.....	Bushel.....	60
Sunflower seed.....	Bushel.....	24 and 32	Various commodities.....	Short ton.....	2,000
Sweetpotatoes.....	Bushel.....	55		Long ton.....	2,240

<sup>1</sup> Standard bushel used in the United States contains 2,150.42 cubic inches; the gallon, 231 cubic inches; the cranberry barrel, 5,826 cubic inches; and the standard fruit and vegetable barrel, 7,056 cubic inches. Such large-sized products as apples and potatoes sometimes are sold on the basis of a heaped bushel, which would exceed somewhat the 2,150.42 cubic inches of a bushel basket level full. This also applies to such products as sweetpotatoes, peaches, green beans, green peas, spinach, etc.

<sup>2</sup> Approximate inside dimensions, 10 1/4 by 11 1/2 by 18 inches.

<sup>3</sup> Approximate inside dimensions, 4 1/2 by 16 by 16 1/4 inches.

<sup>4</sup> Approximate inside dimensions, 9 1/4 by 11 by 20 1/2 inches.

<sup>5</sup> Approximate inside dimensions, 3 1/4 by 13 1/2 by 16 1/4 inches.

<sup>6</sup> Approximate inside dimensions, 4 1/2 by 13 1/2 by 16 1/4 inches.

<sup>7</sup> Approximate inside dimensions, 13 by 18 by 21 1/4 inches.

<sup>8</sup> Approximate inside dimensions, 13 by 13 by 22 1/4 inches.

<sup>9</sup> This is the weight commonly used in trade practice, the actual weight varying according to temperature conditions.

<sup>10</sup> Approximate inside dimensions, 22 by 16 by 20 1/2 inches.

<sup>11</sup> Approximate inside dimensions, 3 1/4 by 11 1/2 by 14 1/4 inches.

<sup>12</sup> The standard weight of 70 pounds is usually recognized as being about 2 measured bushels of corn, husked, on the ear, because it requires 70 pounds to yield 1 bushel, or 56 pounds, of shelled corn.

<sup>13</sup> For statistical purposes the bale of cotton is 500 pounds gross or 480 pounds net weight. Prior to Aug. 1, 1946, the net weight was estimated at 478 pounds. Actual bale weights vary considerably, and the customary average weights of bales of foreign cotton differ from that of the American square bale.

<sup>14</sup> This is the average weight of cottonseed, although the legal weight in some States varies from this figure of 32 pounds.

<sup>15</sup> Approximate inside dimensions, 9 1/4 by 10 1/2 by 15 inches.

<sup>16</sup> Approximate inside dimensions, 13 1/4 by 11 by 16 1/4 inches.

<sup>17</sup> Approximate inside dimensions, 12 by 12 by 24 inches.

<sup>18</sup> Approximate inside dimensions, 11 1/2 by 11 1/2 by 24 inches.

<sup>19</sup> Until 1942, these net weights as used in this Department (for figuring quantities and values of bulk fruit in terms of packed boxes) were 60 pounds for grapefruit, 76 pounds for lemons, and 70 pounds for oranges. Grapefruit in the Desert Valley of California and in Arizona probably weighs slightly less than that in other parts of California, or about 65 pounds per box, compared with 68 pounds in other California.

<sup>20</sup> Approximate inside dimensions, 5 1/4 by 13 1/2 by 16 1/4 inches.

<sup>21</sup> Approximate inside dimensions, 4 1/2 by 16 by 16 1/4 inches.

<sup>22</sup> About 13 pounds of sawdust are required to pack 32 pounds of grapes in a keg, thus making the total weight about 45 pounds.

<sup>23</sup> Approximate inside dimensions, 7 1/4 by 15 by 18 1/4 inches.

<sup>24</sup> Approximate inside dimensions, 9 1/4 by 13 by 25 inches.

<sup>25</sup> Approximate inside dimensions, 8 1/2 by 11 1/2 by 18 inches.

<sup>26</sup> Approximate inside dimensions, 12 by 10 1/2 by 33 inches.

<sup>27</sup> Approximate inside dimensions, 3 1/4 by 11 by 18 inches.

<sup>28</sup> This average of 55 pounds indicates the usual weight of sweetpotatoes when harvested. Much weight is lost in curing or drying, and the net weight when sold in terminal markets may be below 55 pounds.

<sup>29</sup> Approximate inside dimensions, 6 by 12 by 24 inches. This is the box ordinarily used in market sales. Farm weight is about 90 pounds per whole box.

<sup>30</sup> Approximate inside dimensions, 9 1/2 by 9 1/2 by 19 inches.

(See conversion factors on next page)

## CONVERSION FACTORS

Commodity	Unit	Approximate equivalent
Apples.....	1 pound dried.....	7 pounds fresh; beginning 1943, 8 pounds fresh.
Do.....	1 pound chops.....	5 pounds fresh.
Do.....	1 barrel.....	3 boxes or 3 bushel baskets.
Apricots.....	1 pound dried.....	5½ pounds fresh.
Barley flour.....	100 pounds.....	4.59 bushels barley.
Beans, lima.....	1 pound shelled.....	2 pounds unshelled.
Buckwheat flour.....	100 pounds.....	3.57 bushels buckwheat.
Cane sirup.....	1 gallon.....	5 pounds sugar.
Cherries.....	1 pound dried.....	4 pounds fresh in California; 5 pounds fresh elsewhere.
Corn, shelled.....	1 bushel (56 lbs.).....	2 bushels (70 pounds) of husked ear corn.
Corn meal:		
Degermed.....	100 pounds.....	3.16 bushels corn, beginning 1946.
Nondegermed.....	do.....	2 bushels corn, beginning 1946.
Cotton.....	1 pound ginned.....	2.86 pounds unginned, up until 1943.
Dairy products:		
Butter.....	1 pound.....	21 pounds milk.
Cheese.....	do.....	10 pounds milk.
Condensed milk, whole.....	do.....	2.2 pounds milk.
Evaporated milk, whole.....	do.....	Do.
Ice cream <sup>1</sup> .....	1 gallon.....	15 pounds milk.
Ice cream <sup>2</sup> (eliminating fat from butter and concentrated milk).....	do.....	12 pounds milk.
Malted milk.....	1 pound.....	2.6 pounds milk.
Powdered milk.....	do.....	8 pounds milk.
Powdered cream.....	do.....	19 pounds milk.
Dates.....	1 pound dried.....	1¼ pounds fresh.
Eggs.....	1 case (45 lbs.).....	37.5 pounds frozen or liquid eggs, since 1937.
Do.....	do.....	10.1 pounds dried eggs.
Figs.....	1 pound dried.....	3 pounds fresh in California; 4 pounds fresh elsewhere.
Grapefruit, Florida.....	1 case canned.....	Slightly less than 1 box fresh fruit.
Flaxseed.....	1 bushel.....	Yields about 2½ gallons oil.
Linseed oil.....	1 gallon.....	From 0.4 bushel flaxseed.
Malt.....	1 bushel (34 lbs.).....	1 bushel barley (48 lbs.).
Maple sirup.....	1 gallon.....	8 pounds maple sugar.
Nuts:		
Almonds, imported.....	1 pound shelled.....	3½ pounds unshelled.
Almonds, California.....	do.....	2.22 pounds unshelled.
Brazil.....	do.....	2 pounds unshelled.
Cashews.....	do.....	4.55 pounds unshelled.
Chestnuts.....	do.....	1.19 pounds unshelled.
Filberts.....	do.....	2.22 pounds unshelled.
Pecans:		
Seedling.....	do.....	2.63 pounds unshelled.
Improved.....	do.....	2.38 pounds unshelled.
Pignolias.....	do.....	1.3 pounds unshelled.
Pistachios.....	do.....	2 pounds unshelled.
Walnuts:		
Black.....	do.....	8½ pounds unshelled.
Persian (English).....	do.....	2.38 pounds unshelled.
Oatmeal.....	100 pounds.....	7.6 bushels oats, beginning 1943.
Peaches, California, freestone.....	1 pound dried.....	5½ pounds fresh through 1918; 6 pounds fresh for 1919-28, and 6½ pounds fresh from 1929 to date.
Peaches, California, clingstone.....	do.....	7½ pounds fresh.
Peanuts.....	1 pound shelled.....	1½ pounds unshelled.
Peas.....	1 pound dried.....	5½ pounds fresh.
Peas, green.....	1 pound shelled.....	2.5 pounds unshelled.
Prunes.....	1 pound dried.....	2½ pounds fresh in California; 3 to 4 pounds fresh elsewhere.
Raisins.....	1 pound.....	4 pounds fresh grapes.
Rice.....	100 pounds.....	3.42 bushels rough or unhulled rice.
Rye flour.....	do.....	2.35 bushels rye, beginning 1939.
Sugar.....	1 ton raw.....	Hawaii, 0.9617 ton refined; Puerto Rico and Philippines, 0.946 ton refined; Cuba, 0.9418 ton refined, beginning with the 1931-32 season; Louisiana (96° raw), 0.9346 ton refined, beginning 1918; Florida (96° raw), 0.9346 ton refined, beginning 1928.
Tobacco.....	1 pound farm-sales weight.....	Various weights of stemmed and unstemmed, according to aging and the type of tobacco. (See Circular 435, U. S. Dept. of Agr.).
Wheat flour.....	100 pounds.....	2.33 bushels wheat <sup>3</sup> .
Wool, domestic shorn.....	1 pound scoured.....	2.5 pounds grease.
Wool, imported shorn apparel.....	do.....	1.67 pounds grease.
Wool, domestic pulled.....	do.....	1.5 pounds grease.
Wool, imported pulled apparel.....	do.....	1.3 pounds grease.

<sup>1</sup> The milk equivalent of ice cream per gallon is 15 pounds. Reports from plants indicate about 81 percent of the butterfat in ice cream is from milk and cream, the remainder being from butter and concentrated milk. Thus the milk equivalent of the milk and cream in a gallon of ice cream is about 12 pounds.

<sup>2</sup> This is equivalent to 4.56 bushels of wheat per barrel (196 pounds) of flour and has been used in conversions beginning July 1, 1944. Because of changes in milling processes, the following factors per barrel of flour have been used for earlier periods: 1790-1879, 5 bushels; 1880-1908, 4.75 bushels; 1909-1917, 4.7 bushels; 1918 and 1919, 4.5 bushels; 1920, 4.6 bushels; 1921-44, 4.7 bushels. From March 1 to Nov. 1, 1946, the milling rate averaged about 2.20 bushels wheat per 100 pounds flour.



## CHAPTER I

### STATISTICS OF GRAINS

This chapter on grains is concerned with estimates of acreage, production, farm disposition, stocks, prices received by farmers, and farm value. Estimates in greater detail are published regularly by the Crop Reporting Board.

Tables on sorgo sirup, which might be expected in the sorghum group, are included with "sugar crops." Popcorn and broomcorn tables are included with "minor field crops." Corn sugar and corn sirup, however, are included in the corn tables in this chapter.

New tables this year include one on United States foreign trade of wheat, an international trade table on rice, and a master table on corn hybrids.

TABLE 1.—Wheat: Acreage, production, value, and foreign trade, United States, 1929-47

Year	Acreage seeded <sup>1</sup>	Acreage harvested	Yield per harvested acre	Production	Season average price per bushel received by farmers	Farm value	Average price per bushel, year beginning July, at—		Foreign trade, including flour, year beginning July <sup>4</sup>		
							Kansas City <sup>2</sup>	Minneapolis <sup>3</sup>	Domestic exports <sup>5</sup>	Imports <sup>6</sup>	Net exports <sup>7</sup>
	1,000 acres	1,000 acres	Bushels	1,000 bushels	Cents	1,000 dollars	Cents	Cents	1,000 bushels	1,000 bushels	1,000 bushels
1929.....	68,000	68,000	12.9	860,649							
1929.....	67,177	63,392	13.0	824,183	103.6	853,778	120	130	153,245	12,956	140,361
1930.....	67,569	62,637	14.2	886,622	67.1	595,247	76	82	131,475	19,059	112,435
1931.....	66,463	57,704	16.3	941,540	39.1	368,270	47	71	135,797	12,886	123,774
1932.....	66,281	57,851	13.1	756,307	38.2	280,230	51	61	41,211	0,382	32,284
1933.....	69,009	49,424	11.2	552,215	74.4	410,770	88	91	37,002	11,494	25,508
1934.....	41,943	41,943	12.2	513,213							
1934.....	64,064	43,347	12.1	526,052	84.8	446,085	98	116	21,532	25,134	* 3,602
1935.....	69,611	51,305	12.2	628,227	83.1	521,915	105	126	15,929	46,638	* 30,709
1936.....	73,970	49,125	12.8	629,880	102.5	645,465	121	147	21,584	47,924	* 26,340
1937.....	80,814	64,169	13.6	873,914	96.2	840,706	111	128	107,194	3,561	103,633
1938.....	78,981	69,197	13.3	919,913	* 56.2	516,636	79	79	115,784	9,623	106,161
1939.....	50,626	50,626	14.0	708,858							
1939.....	62,802	52,669	14.1	741,210	* 60.1	512,427	74	97	54,274	10,430	43,844
1940.....	61,820	53,273	15.3	814,646	* 68.2	555,547	82	90	40,557	11,024	29,533
1941.....	62,707	55,935	16.8	941,970	* 94.4	889,561	112	110	35,833	15,576	20,257
1942.....	53,000	49,773	19.5	969,381	* 110.0	1,064,789	126	129	33,401	8,633	24,768
1943.....	55,984	51,355	16.4	843,813	* 136.0	1,148,845	145	155	51,110	147,311	* 96,201
1944.....	58,286	58,286	17.7	1,038,060							
1944.....	66,190	59,749	17.7	1,060,111	* 141.0	1,497,693	156	159	56,604	51,561	5,043
1945.....	69,130	65,120	17.0	1,108,224	150.0	1,661,649	160	171	318,827	13,550	305,277
1946.....	71,536	67,075	17.2	1,153,046	191.0	2,203,246	209	234	367,207	2,026	365,172
1947 <sup>10</sup> .....	77,947	74,186	18.4	1,364,919	241.0	3,288,905	252	288			

<sup>1</sup> Includes acreage seeded in preceding fall for harvest in the year shown.

<sup>2</sup> No. 2 Hard Winter, computed by weighting selling prices by number of carlots sold, as reported in the Kansas City Grain Market Review.

<sup>3</sup> No. 1 Dark Northern Spring, computed by weighting selling prices by number of carlots sold, as reported in the Minneapolis Daily Market Record.

<sup>4</sup> Compiled from Monthly Summary of Foreign Commerce of the United States, January and June issues, and official records of the Department of Commerce. From July 1, 1944 to Feb. 28, 1946, and also from Nov. 1, 1946, wheat flour has been converted at the ratio of 100 pounds of flour to 2.33 bushels of wheat. The following conversion factors per 100 pounds of flour were used in the months of 1946 indicated: March, 2.282,021; April, 2.178,237; May, 2.182,072; June, 2.171,836; July, 2.179,789; August, 2.219,854; September, 2.201,673; and October, 2.226,700. Wheat flour converted to terms of grain on the following basis: 1929 to June 1944, 4.7 bushels of grain per barrel of flour.

<sup>5</sup> Includes flour milled from imported wheat.

<sup>6</sup> Includes wheat imported for milling in bond and export.

<sup>7</sup> Total exports (domestic plus foreign) minus total imports; beginning 1933, net figures are domestic exports minus imports for consumption.

<sup>8</sup> Net imports, i.e., imports for consumption minus domestic exports.

<sup>9</sup> Includes an allowance for unredeemed loans at average loan value.

<sup>10</sup> Preliminary.

<sup>11</sup> No. 2 Hard and Dark Hard Winter.

Bureau of Agricultural Economics. Italic figures are census returns. Data for 1890-1928 in Agricultural Statistics, 1942, table 1.



TABLE 2.—Wheat, winter, all spring, durum, and other spring: Acreage seeded and harvested, and production, United States, 1938-47

Year	Winter					All spring				
	Acreage seeded in preceding fall	Acreage harvested	Yield per seeded acre	Yield per harvested acre	Production	Acreage seeded	Acreage harvested	Yield per seeded acre	Yield per harvested acre	Production
	1,000 acres	1,000 acres	Bushels	Bushels	1,000 bushels	1,000 acres	1,000 acres	Bushels	Bushels	1,000 bushels
1938	56,464	49,567	12.1	13.8	685,178	22,517	19,630	10.4	12.0	234,735
1939	46,154	37,681	12.3	15.0	565,672	16,648	14,988	10.5	11.7	175,538
1940	43,536	36,095	13.6	16.4	592,809	18,284	17,178	12.1	12.9	221,837
1941	46,045	39,778	14.6	16.9	673,727	16,662	16,157	16.1	16.6	268,243
1942	38,855	36,020	18.1	19.5	702,159	14,145	13,753	18.9	19.4	267,222
1943	38,515	34,563	14.0	15.6	537,476	17,469	16,792	17.5	18.2	306,337
1944	46,821	41,125	16.1	18.3	761,901	19,369	18,624	15.9	16.5	308,210
1945	50,415	46,989	16.2	17.4	817,834	18,715	18,131	15.5	16.0	290,390
1946	52,195	48,350	16.7	18.0	870,725	19,341	18,725	14.6	15.1	282,321
1947 <sup>1</sup>	58,068	54,780	18.4	19.5	1,067,970	19,879	19,406	14.9	15.3	296,949
Year	Durum (3 States) <sup>2</sup>					Other spring				
	Acreage seeded									
	1,000 acres	1,000 acres	10.5	11.4	39,715	18,724	16,146	10.4	12.1	195,020
1938	3,793	3,484	10.5	11.4	39,715	18,724	16,146	10.4	12.1	195,020
1939	3,128	2,965	10.4	11.0	32,486	13,520	12,023	10.6	11.9	143,052
1940	3,871	3,029	10.7	12.7	32,294	14,913	14,149	12.7	13.4	189,543
1941	2,598	2,524	15.6	16.1	40,658	14,064	13,633	16.2	16.7	227,585
1942	2,155	2,109	19.1	19.6	41,236	11,990	11,644	18.8	19.4	225,986
1943	2,136	2,078	15.7	16.1	33,505	15,333	14,714	17.8	18.5	272,832
1944	2,099	2,057	14.1	14.4	29,666	17,270	16,567	16.1	16.8	278,544
1945	2,026	2,004	16.2	16.4	32,840	16,689	16,127	15.4	16.0	257,550
1946	2,493	2,453	14.4	14.6	35,836	16,848	16,272	14.6	15.1	246,485
1947 <sup>1</sup>	2,952	2,925	14.9	15.0	43,983	16,927	16,481	14.9	15.3	252,966

<sup>1</sup> Preliminary.<sup>2</sup> Includes "Red Durum."

Bureau of Agricultural Economics. Data for 1909-28 in Agricultural Statistics, 1942, table 2, and data for 1929-37 in Agricultural Statistics, 1943, table 2.

## WHEAT

9

TABLE 3.—Wheat: Acreage, production, and season average price per bushel received by farmers, by States, average 1936-45, annual 1946 and 1947

State and division	Acreage seeded <sup>1</sup>			Acreage harvested			Production			Price for crop of—		
	Average 1936-45	1946	1947 <sup>2</sup>	Average 1936-45	1946	1947 <sup>2</sup>	Average 1936-45	1946	1947 <sup>2</sup>	Average 1936-45 ( <sup>3</sup> )	1946	1947 <sup>2</sup>
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 bu.	1,000 bu.	1,000 bu.	Cents	Cents	Cents
Maine.....	2			2	1	48	21			147	253	
New York.....	312	222	398	302	215	387	7,270	5,648	9,272	114	208	253
New Jersey.....	72	90	97	57	62	75	1,245	1,550	1,875	112	218	245
Pennsylvania.....	942	911	947	919	885	929	18,537	19,912	22,296	113	208	240
North Atlantic.....	1,328	1,224	1,442	1,280	1,163	1,391	27,100	27,131	33,443	113	209	244
Ohio.....	2,061	1,849	2,212	1,994	1,831	2,179	42,154	48,522	49,028	111	203	240
Indiana.....	1,508	1,383	1,589	1,499	1,366	1,557	27,229	29,369	35,811	108	198	235
Illinois.....	1,806	1,289	1,403	1,687	1,207	1,326	31,458	19,361	28,524	108	198	235
Michigan.....	844	877	1,210	829	864	1,192	18,242	22,896	29,500	111	205	230
Wisconsin.....	91	95	118	88	93	114	1,538	2,263	2,793	105	202	255
Minnesota.....	1,612	1,412	1,200	1,556	1,391	1,169	24,539	27,080	29,633	108	202	263
Iowa.....	370	192	174	326	185	159	6,060	4,335	3,252	104	193	235
Missouri.....	1,926	1,314	1,472	1,704	1,213	1,321	25,020	18,195	24,438	105	196	235
North Dakota.....	9,072	10,444	10,384	7,728	10,192	10,240	106,205	139,824	146,038	103	201	266
South Dakota.....	3,325	3,755	3,858	2,618	3,588	3,703	28,815	53,197	53,628	108	197	258
Nebraska.....	3,868	4,037	4,489	3,193	3,954	4,317	50,328	90,677	90,300	102	189	240
Kansas.....	13,642	14,006	15,404	11,356	13,147	14,855	158,517	212,977	286,702	102	191	235
North Central.....	40,186	40,653	43,513	34,679	39,031	42,132	520,103	668,606	770,947	104	196	245
Delaware.....	72	70	72	69	64	67	1,298	1,216	1,407	113	211	245
Maryland.....	394	391	399	377	366	370	7,389	7,320	7,770	113	207	240
Virginia.....	565	480	528	532	451	487	7,976	8,344	8,522	118	214	250
West Virginia.....	136	90	100	114	77	86	1,766	1,463	1,763	116	214	245
North Carolina.....	512	394	524	476	371	497	6,456	6,307	8,449	122	224	245
South Carolina.....	222	168	272	216	164	264	2,612	2,706	4,356	118	228	240
Georgia.....	202	175	257	186	161	240	2,049	2,093	3,360	116	219	230
South Atlantic.....	2,103	1,768	2,152	1,970	1,654	2,011	29,546	29,449	35,627	117	216	243
Kentucky.....	486	392	404	406	297	324	6,246	4,158	5,184	113	202	235
Tennessee.....	422	291	364	393	277	346	4,981	3,876	5,190	118	210	240
Alabama.....	13	15	12	11	12	10	151	174	155	118	208	240
Mississippi.....	413	16	25	49	9	20	4,226	198	460	118	183	235
Arkansas.....	64	44	38	46	28	24	485	420	372	103	190	235
Oklahoma.....	5,162	6,715	7,118	4,501	6,087	6,757	57,681	88,262	104,734	100	180	230
Texas.....	4,730	6,835	7,587	3,598	5,992	7,310	41,287	62,916	124,270	102	181	225
South Central.....	10,887	14,308	15,548	8,961	12,702	14,791	110,989	160,006	240,365	102	182	228
Montana.....	4,228	4,426	5,053	3,482	4,133	4,306	54,564	62,888	64,325	96	185	256
Idaho.....	1,101	1,309	1,359	1,024	1,266	1,315	27,297	34,846	37,835	90	173	235
Wyoming.....	278	273	317	215	255	296	3,290	6,232	6,130	96	173	234
Colorado.....	1,548	2,102	2,676	1,207	1,875	2,523	20,670	37,080	59,052	96	185	225
New Mexico.....	412	542	724	266	350	649	3,047	2,895	9,420	100	184	225
Arizona.....	35	29	30	33	27	28	738	567	588	112	213	245
Utah.....	270	325	331	258	310	326	5,812	6,981	8,082	95	184	225
Nevada.....	17	21	22	17	20	21	442	545	612	103	196	225
Washington.....	2,390	2,769	2,922	2,162	2,642	2,719	53,182	77,965	64,750	93	175	245
Oregon.....	970	1,050	1,033	874	984	949	20,585	25,168	21,615	97	177	245
California.....	787	737	825	708	663	729	12,942	12,597	12,028	106	203	250
Western.....	12,036	13,583	15,292	10,246	12,525	13,861	202,569	267,764	284,537	95.0	180	241
United States.....	66,540	71,536	77,947	57,036	67,075	74,186	890,306	1,153,046	1,364,919	102	191	241

<sup>1</sup> Includes acreage seeded in preceding fall for harvest in the year shown.<sup>2</sup> Preliminary.<sup>3</sup> For certain years, prices include an allowance for unredeemed loans at average loan value.<sup>4</sup> Short-time average.

Bureau of Agricultural Economics.

TABLE 4.—Wheat, winter, durum, and other spring: Acreage, production, and season average price per bushel received by farmers, by States, average 1936-45, annual 1946 and 1947

## WINTER

State and division	Acreage seeded			Acreage harvested			Production			Price for crop of—		
	Crops of 1936-45	Crop of 1946	Crop of 1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45 <sup>(2)</sup>	1946	1947 <sup>1</sup>
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 bu.	1,000 bu.	1,000 bu.	Cents	Cents	Cents
New York.....	308	213	394	298	206	383	7,195	5,459	9,192	114	208	253
New Jersey.....	72	90	97	57	62	75	1,245	1,550	1,875	112	218	245
Pennsylvania.....	935	911	947	912	885	929	18,406	19,912	22,296	113	208	240
North Atlantic.....	1,315	1,214	1,438	1,266	1,153	1,387	26,846	26,921	33,363	113	209	244
Ohio.....	2,058	1,849	2,212	1,991	1,831	2,179	42,117	48,522	49,028	111	203	240
Indiana.....	1,561	1,383	1,589	1,493	1,366	1,557	27,122	29,369	35,811	108	198	235
Illinois.....	1,788	1,282	1,397	1,669	1,200	1,320	31,138	19,200	28,380	108	198	235
Michigan.....	833	877	1,210	819	864	1,192	18,063	22,896	29,800	111	205	250
Wisconsin.....	43	32	41	31	31	38	747	651	817	104	202	255
Minnesota.....	193	101	111	171	88	101	3,140	1,672	1,970	106	200	255
Iowa.....	352	186	169	307	179	154	5,781	4,206	3,157	104	193	235
Missouri.....	1,925	1,314	1,472	1,704	1,213	1,321	25,015	18,195	24,438	105	196	235
South Dakota.....	222	384	415	149	308	354	1,910	5,544	6,549	100	191	245
Nebraska.....	3,641	3,981	4,419	3,028	3,901	4,252	49,024	89,723	89,292	102	189	240
Kansas.....	13,629	14,004	15,404	11,347	13,146	14,855	158,441	212,965	286,702	102	191	235
North Central.....	26,246	25,393	28,439	22,720	24,127	27,323	362,495	452,943	555,944	104	194	237
Delaware.....	72	70	72	69	64	67	1,299	1,216	1,407	113	211	245
Maryland.....	394	391	399	377	366	370	7,388	7,320	7,770	113	207	240
Virginia.....	565	480	525	532	451	487	7,976	8,344	8,522	118	214	250
West Virginia.....	136	90	100	114	77	86	1,766	1,463	1,763	116	214	245
North Carolina.....	512	394	524	476	371	497	6,456	6,307	8,449	122	224	245
South Carolina.....	222	168	272	216	164	264	2,612	2,706	4,356	118	228	240
Georgia.....	202	175	257	186	161	240	2,049	2,093	3,360	116	219	230
South Atlantic.....	2,103	1,768	2,152	1,970	1,654	2,011	29,546	29,449	35,627	117	216	243
Kentucky.....	486	392	404	406	297	324	6,246	4,158	5,184	113	202	235
Tennessee.....	422	291	364	393	277	346	4,981	3,878	5,190	118	210	240
Alabama.....	13	15	12	11	12	10	151	174	155	118	208	240
Mississippi.....	13	16	25	9	9	20	226	198	460	118	183	235
Arkansas.....	64	44	38	46	28	24	485	420	372	103	190	235
Oklahoma.....	5,162	6,715	7,118	4,501	6,087	6,757	67,681	88,262	104,734	100	180	230
Texas.....	4,730	6,835	7,587	3,598	5,992	7,310	41,287	62,916	124,270	102	181	225
South Central.....	10,887	14,308	15,548	8,961	12,702	14,791	110,969	160,006	240,365	102	182	228
Montana.....	1,290	1,839	1,940	1,048	1,727	1,847	20,635	32,813	22,899	95	183	255
Idaho.....	705	829	876	643	890	840	16,143	20,400	22,260	90	173	235
Wyoming.....	152	198	234	116	185	218	1,926	4,902	4,687	96	173	235
Colorado.....	1,263	1,961	2,549	978	1,755	2,404	17,333	35,100	56,494	97	185	225
New Mexico.....	390	520	702	246	331	629	2,761	2,648	9,120	100	184	225
Arizona.....	35	29	30	33	27	28	738	567	588	112	213	245
Utah.....	199	250	260	189	239	256	3,708	4,780	5,632	94	184	225
Nevada.....	4	5	6	4	5	6	126	140	162	103	196	225
Washington.....	1,383	2,322	2,252	1,178	2,206	2,074	32,626	67,283	51,850	93	175	245
Oregon.....	705	825	808	624	776	737	15,079	20,176	16,951	97	177	245
California.....	787	737	825	708	663	729	12,942	12,597	12,028	108	203	230
Western.....	6,913	9,512	10,491	5,767	8,714	9,268	124,010	201,406	202,671	95.4	180	238
United States.....	47,464	52,195	58,068	40,684	48,350	54,780	663,893	870,725	1,067,970	103	190	236

See footnotes at end of table.

TABLE 4.—Wheat, winter, durum, and other spring: Acreage, production, and season average price per bushel received by farmers, by States, average 1936-45, annual 1946 and 1947—Continued

DURUM <sup>1</sup>

State and division	Acreage seeded			Acreage harvested			Production			Price for crop of—		
	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45 (¢)	1946	1947 <sup>1</sup>
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 bu.	1,000 bu.	1,000 bu.	Cents	Cents	Cents
Minnesota.....	72	35	55	70	35	54	1,042	682	918	103	203	250
North Dakota.....	2,236	2,268	2,699	1,988	2,232	2,678	26,483	32,364	40,170	101	202	257
South Dakota.....	500	190	198	400	186	193	4,322	2,790	2,895	97	194	250
3 States.....	2,808	2,493	2,952	2,458	2,453	2,925	31,847	35,836	43,983	101	201	256

## OTHER SPRING

Maine.....	2	1	-----	2	1	-----	48	21	-----	147	253	-----
New York.....	4	9	4	4	9	4	75	189	80	114	208	253
North Atlantic.....	14	10	4	14	10	4	253	210	80	120	212	253
Illinois.....	18	7	6	18	7	6	320	161	144	107	198	240
Wisconsin.....	48	63	77	47	62	76	792	1,612	1,976	105	202	255
Minnesota.....	1,348	1,276	1,034	1,315	1,268	1,014	20,354	24,726	17,745	108	202	265
Iowa.....	19	6	5	19	6	5	279	129	95	104	191	235
North Dakota.....	6,836	8,176	7,685	5,740	7,960	7,562	79,722	107,460	105,868	104	200	270
South Dakota.....	2,603	3,181	3,245	2,070	3,094	3,156	22,584	44,863	44,184	105	198	260
Nebraska.....	227	56	70	165	53	65	1,304	954	1,008	99	188	235
Kansas.....	13	2	-----	9	1	-----	76	12	-----	100	189	-----
North Central.....	11,132	12,767	12,122	9,402	12,451	11,884	125,760	179,917	171,020	105	200	266
Montana.....	2,938	2,587	3,104	2,434	2,406	2,959	33,920	30,075	41,426	100	187	260
Idaho.....	396	483	483	382	466	475	11,154	14,446	15,675	90	173	235
Wyoming.....	126	75	83	98	70	78	1,364	1,330	1,443	96	170	230
Colorado.....	285	141	127	229	120	119	3,337	1,980	2,558	96	183	225
New Mexico.....	22	22	22	20	19	20	286	247	300	97	181	220
Utah.....	71	75	71	69	71	70	2,104	2,201	2,450	96	185	225
Nevada.....	13	16	16	12	15	15	316	405	450	103	196	225
Washington.....	1,007	447	670	984	436	645	20,557	10,682	12,900	93	175	245
Oregon.....	265	225	225	251	208	212	5,506	4,992	4,664	97	177	245
Western.....	5,123	4,071	4,801	4,480	3,811	4,593	78,552	66,358	81,865	94.6	181	249
United States.....	16,269	16,848	16,927	13,895	16,272	16,481	204,566	246,485	252,966	100	195	261

<sup>1</sup> Preliminary.<sup>2</sup> For certain years, prices include an allowance for unredeemed loans at average loan value.<sup>3</sup> Short-time average.<sup>4</sup> Includes "Red Durum." Small additional quantities are grown in other than the 3 States shown here, but included with "other spring" wheat.

Bureau of Agricultural Economics.



China.....	53,000	56,800	56,000	15.3	16.1	15.6	16.2	750,000	854,000	887,800	910,600
Manchuria.....	4,900	5,200	5,200	10.7	10.9	9.6	9.7	10,000	10,000	10,000	10,000
India.....	34,492	35,680	34,121	10.7	10.9	9.6	9.7	370,660	383,904	337,419	290,752
Japan.....	1,738	1,789	1,462	28.8	19.4	15.1	19.1	50,133	84,756	22,697	28,550
Korea.....	1,832			12.3				10,240			
Estimated total <sup>1</sup> .....	107,150	111,610	113,860					1,483,000	1,515,000	1,575,000	1,510,000
South America:											
Argentina.....	16,834	9,991	13,884	14.0	14.4	14.9	18.7	221,769	143,556	200,314	280,000
Brazil.....	1,944	1,744	1,877	10.1	10.0	10.3	10.3	4,022	4,022	4,022	4,022
Chile.....	1,983	1,803	1,877	10.1	10.0	10.3	10.3	31,562	34,176	33,163	40,684
Peru.....	2,285	2,444	2,447	11.5	13.3	14.9	14.1	3,272	3,233	3,474	3,491
Uruguay.....	1,210	875	659	11.0	9.1	10.1		13,253	7,938	6,681	14,697
Estimated total <sup>1</sup> .....	20,500	14,220	18,180					280,000	203,000	284,000	305,000
Africa:											
Algeria.....	4,184	3,450	3,200	8.4	3.5	11.2	7.6	35,201	12,000	36,000	28,000
Egypt.....	1,464	1,710	1,666	31.3	25.4	28.0	23.9	45,448	43,438	42,725	40,500
French Morocco.....	1,400	1,400	1,600	7.8	3.5	8.0	8.0	13,477	13,477	13,477	13,477
Tunisia.....	1,915	2,000	2,000	7.8	3.5	7.5	7.5	14,863	7,000	12,500	11,000
Union of South Africa <sup>11</sup> .....	1,926	2,244	2,300	8.4	4.2	6.4		16,259	9,463	14,760	18,763
Estimated total <sup>1</sup> .....	13,820	13,180	12,380					143,000	88,000	140,000	130,000
Oceania:											
Australia.....	13,128	11,425	13,172	12.9	12.5	8.9	10.3	169,744	142,410	117,262	228,000
New Zealand.....	221	161	141	32.3	33.8	38.1	36.9	7,129	5,459	5,368	4,500
Total.....	13,349	11,586	13,313					176,873	147,849	122,630	232,500
Estimated world total <sup>1</sup> .....	417,000	370,980	389,950					5,997,000	5,120,000	5,775,000	5,790,000

<sup>1</sup> Years shown refer to years of harvest in the Northern Hemisphere. Harvests of Northern Hemisphere countries are combined with those of the Southern Hemisphere which immediately follow: thus, the crop harvested in the Northern Hemisphere in 1947 is combined with estimates for the Southern Hemisphere harvests which began late in 1947 and ended early in 1948.

<sup>2</sup> Refer to the preceding year as far as possible.

<sup>3</sup> Yield per acre calculated from acreage and production data shown, except for incomplete periods.

<sup>4</sup> Revised estimates for Northern Hemisphere countries; for Southern Hemisphere preliminary forecasts.

<sup>5</sup> Estimated totals, which in the case of production are rounded to millions, include allowances for any missing data for countries shown and for other producing countries not shown.

<sup>6</sup> Estimate not adjusted to take account of inclusion of Southern Dobrudja and is, therefore, not strictly comparable with estimates shown for later years.

<sup>7</sup> Figure for 1933 only.

<sup>8</sup> Average of less than 5 years.

<sup>9</sup> Estimates for Syria and Lebanon not shown separately during this period.

<sup>10</sup> European production only.

Office of Foreign Agricultural Relations. Prepared for estimated on the basis of official statistics of foreign governments, reports of United States foreign service officers, results of office research, or other information. Freear estimates for countries having changed boundaries have been adjusted to conform to present boundaries, except as noted.

TABLE 6.—Wheat: Stocks on and off farms, United States, 1938-47

Year beginning October—	On farms				Off farms <sup>1</sup>			
	Oct. 1	Jan. 1	Apr. 1	July 1 <sup>2</sup>	Oct. 1	Jan. 1	Apr. 1	July 1 <sup>2</sup>
	1,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.
1938.....	393,930	274,260	182,801	88,016	445,364	372,545	256,968	161,990
1939.....	327,616	229,374	149,433	79,572	459,728	376,639	284,136	200,151
1940.....	365,118	279,970	192,173	86,675	511,978	443,806	352,814	298,058
1941.....	485,922	371,775	258,531	162,722	678,348	628,144	541,337	468,053
1942.....	632,573	484,764	321,179	189,374	739,779	667,660	574,889	429,323
1943.....	623,394	382,351	219,137	103,622	591,098	435,248	325,138	212,933
1944.....	521,123	384,638	233,856	87,703	558,071	443,709	324,688	191,477
1945.....	517,823	361,031	198,481	41,606	502,165	320,961	133,654	58,482
1946.....	551,669	365,794	139,851	40,477	397,593	276,483	168,698	43,336
1947 <sup>3</sup> .....	610,300	427,918	256,533	94,312	511,906	368,998	223,115	100,578

<sup>1</sup> Includes stocks in interior mills, elevators, and warehouses, merchant mills, commercial stocks at terminals, and stocks owned by Commodity Credit Corporation in steel and wooden bins and in transit.

<sup>2</sup> Includes old crop only.

<sup>3</sup> Preliminary.

Bureau of Agricultural Economics. Data for stocks on farms, 1926-37, in Agricultural Statistics, 1943, table 8.

TABLE 7.—Wheat: Production and farm disposition, United States, 1938-47

Crop of—	Production	Used for seed		Fed to livestock	Ground at mill for home use or exchanged for flour	Sold
		Total	On farms where grown			
	1,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.
1938.....	919,913	74,224	65,651	123,163	13,639	717,520
1939.....	741,210	72,946	60,185	91,737	11,084	578,204
1940.....	814,646	74,351	62,047	98,972	10,348	643,279
1941.....	941,970	62,490	54,004	98,871	9,020	780,075
1942.....	969,381	65,487	55,040	91,315	7,259	815,767
1943.....	843,813	77,351	61,571	89,821	5,690	686,731
1944.....	1,060,111	80,373	64,731	103,420	5,383	886,577
1945.....	1,108,224	82,011	67,371	98,201	4,871	937,781
1946.....	1,153,046	86,498	68,491	85,701	3,850	965,004
1947 <sup>1</sup> .....	1,364,919	91,363	73,655	94,249	4,285	1,192,730

<sup>1</sup> Preliminary.

Bureau of Agricultural Economics. Disposition of the crop specified and not disposition within the marketing year. Estimates of farm disposition represent portions of the crop used or to be used for the designated purposes on farms where produced and do not include purchases by farmers from others for such purposes.



## WHEAT

15

TABLE 8.—Wheat: Production and farm disposition, by States, crop of 1946

State	Production	Used for seed		Fed to livestock	Ground at mill for home use or exchanged for flour	Sold
		Total	On farms where grown			
	1,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.
Maine.....	21	2	2	9	10	
New York.....	5,648	835	668	2,090	13	2,877
New Jersey.....	1,550	194	140	698		712
Pennsylvania.....	19,912	1,894	1,724	7,168	291	10,729
Ohio.....	48,522	4,424	3,805	8,734	211	35,772
Indiana.....	29,369	2,701	2,296	4,699	61	22,313
Illinois.....	19,361	1,967	1,475	1,742	40	16,104
Michigan.....	22,896	2,299	1,839	5,037	99	15,921
Wisconsin.....	2,263	209	167	1,245	23	828
Minnesota.....	27,080	1,937	1,646	4,062	111	21,261
Iowa.....	4,335	297	223	867	1	3,244
Missouri.....	18,195	2,061	1,649	4,003	47	12,496
North Dakota.....	139,824	12,323	10,598	3,496	86	125,844
South Dakota.....	53,197	4,242	3,224	2,128	33	47,812
Nebraska.....	90,677	4,938	4,197	2,720	23	83,737
Kansas.....	212,977	12,323	9,858	5,324	26	197,769
Delaware.....	1,216	130	110	195	7	904
Maryland.....	7,320	758	606	1,098	17	5,599
Virginia.....	8,344	792	697	2,253	615	4,779
West Virginia.....	1,463	180	148	585	78	652
North Carolina.....	6,307	786	668	1,451	714	3,474
South Carolina.....	2,706	381	286	352	268	1,800
Georgia.....	2,093	334	284	356	223	1,230
Kentucky.....	4,158	566	424	685	207	2,862
Tennessee.....	3,878	473	397	814	416	2,251
Alabama.....	174	16	12	44	25	93
Mississippi.....	198	35	21	79	6	92
Arkansas.....	420	53	42	147	2	229
Oklahoma.....	88,262	7,118	4,983	4,413	41	78,825
Texas.....	62,916	5,311	3,718	1,887	15	57,296
Montana.....	62,888	4,858	3,886	2,516	23	56,463
Idaho.....	34,846	1,999	1,439	4,182	29	29,196
Wyoming.....	6,232	294	206	499	5	5,522
Colorado.....	37,080	2,459	1,967	1,854	16	33,243
New Mexico.....	2,895	513	359	174	3	2,359
Arizona.....	567	42	25	85	9	445
Utah.....	6,981	492	394	2,792	59	3,736
Nevada.....	545	35	24	382	1	138
Washington.....	77,965	3,799	2,469	2,339	1	73,156
Oregon.....	25,168	1,446	1,157	2,013	3	21,995
California.....	12,597	1,072	858	504	2	11,233
United States.....	1,153,046	86,498	68,491	85,701	3,850	995,004

Bureau of Agricultural Economics. Disposition of the crop specified and not disposition within the marketing year. Estimates of farm disposition represent portions of the crop used or to be used for the designated purposes on farms where produced and do not include purchases by farmers from others for such purposes.



TABLE 9.—Wheat: Production and farm disposition, by States, crop of 1947 <sup>1</sup>

State	Production	Used for seed		Fed to livestock	Ground at mill for home use or exchanged for flour	Sold
		Total	On farms where grown			
	1,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.
New York.....	9,272	951	808	2,967	15	5,482
New Jersey.....	1,875	210	147	806	-----	922
Pennsylvania.....	22,296	1,988	1,789	7,135	300	13,072
Ohio.....	49,028	4,646	4,088	9,315	237	35,388
Indiana.....	35,811	3,053	2,595	5,372	68	27,776
Illinois.....	28,524	2,393	1,795	1,997	45	24,687
Michigan.....	29,800	2,668	2,268	6,556	116	20,860
Wisconsin.....	2,793	222	178	1,815	28	772
Minnesota.....	20,633	1,859	1,580	2,682	91	16,280
Iowa.....	3,252	545	354	390	-----	2,508
Missouri.....	24,438	2,680	1,876	5,376	51	17,135
North Dakota.....	146,038	11,745	9,983	2,921	88	133,046
South Dakota.....	53,628	4,422	3,316	2,145	20	48,147
Nebraska.....	90,300	4,949	4,207	4,064	29	82,000
Kansas.....	286,702	14,480	12,308	7,168	29	267,197
Delaware.....	1,407	131	111	155	7	1,134
Maryland.....	7,770	796	637	932	18	6,183
Virginia.....	8,522	808	687	1,875	630	5,330
West Virginia.....	1,763	182	146	758	78	781
North Carolina.....	8,449	708	637	1,690	840	5,282
South Carolina.....	4,356	400	340	523	460	3,033
Georgia.....	3,360	334	284	605	254	2,217
Kentucky.....	5,184	605	424	778	195	3,787
Tennessee.....	5,190	511	434	778	450	3,528
Alabama.....	155	17	13	23	24	95
Mississippi.....	460	32	22	230	9	199
Arkansas.....	372	60	42	112	2	216
Oklahoma.....	104,734	7,545	5,659	4,189	46	94,840
Texas.....	124,270	4,886	3,664	3,107	-----	117,499
Montana.....	64,325	4,896	3,917	2,573	23	57,812
Idaho.....	37,935	2,118	1,483	4,552	27	31,873
Wyoming.....	6,130	308	216	552	6	5,356
Colorado.....	59,052	2,605	1,954	2,362	20	54,716
New Mexico.....	9,420	444	333	754	6	8,327
Arizona.....	588	42	27	88	9	464
Utah.....	8,082	539	458	2,505	58	5,061
Nevada.....	612	35	24	367	1	220
Washington.....	64,750	3,898	2,729	1,942	1	60,078
Oregon.....	21,615	1,526	1,221	1,729	2	18,663
California.....	12,028	1,126	901	361	2	10,764
United States.....	1,364,919	91,363	73,655	94,249	4,285	1,192,730

<sup>1</sup> Preliminary.

Bureau of Agricultural Economics. Disposition of the crop specified and not disposition within the marketing year. Estimates of farm disposition represent portions of the crop used or to be used for the designated purposes on farms where produced and do not include purchases by farmers from others for such purposes.

TABLE 10.—Wheat: Stocks on July 1, production, and exports, by classes, United States, 1938-47

Year beginning July—	Hard red spring			Durum <sup>2</sup>			Hard red winter		
	July 1 stocks	Production	Exports <sup>1</sup>	July 1 stocks	Production	Exports <sup>1</sup>	July 1 stocks	Production	Exports <sup>1</sup>
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
1938.....	30,300	154,669	4,000	5,300	41,201	2,000	61,800	396,046	68,000
1939.....	71,500	116,441	5,000	16,400	33,044	( <sup>3</sup> )	115,600	315,089	22,000
1940.....	82,100	157,438	4,000	17,800	32,942	( <sup>3</sup> )	134,900	323,956	6,000
1941.....	136,200	202,129	2,000	24,900	41,403	( <sup>3</sup> )	159,900	395,509	20,000
1942.....	205,900	206,081	2,000	34,200	41,836	1,000	290,800	486,031	21,000
1943.....	204,500	226,363	14,000	26,900	34,265	1,000	317,200	363,838	34,000
1944.....	149,500	235,959	24,000	14,300	30,328	2,000	113,100	408,557	112,000
1945.....	112,100	220,849	55,000	8,100	33,285	1,000	109,400	520,843	236,000
1946.....	38,800	214,835	39,000	5,000	36,357	1,000	37,400	579,896	277,000
1947 <sup>4</sup> .....	30,900	217,903	-----	8,900	44,616	-----	27,000	739,523	-----

Year beginning July—	Soft red winter			White		
	July 1 stocks	Production	Exports <sup>1</sup>	July 1 stocks	Production	Exports <sup>1</sup>
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
1938.....	36,000	226,053	5,000	19,700	101,944	30,000
1939.....	27,900	194,910	3,000	18,600	81,726	18,000
1940.....	24,100	207,405	3,000	20,800	92,905	24,000
1941.....	39,700	204,031	2,000	24,000	98,898	7,000
1942.....	54,300	148,723	1,000	45,600	86,710	9,000
1943.....	29,300	125,216	2,000	40,900	94,131	15,000
1944.....	18,400	203,635	10,000	21,200	121,632	5,000
1945.....	18,500	213,350	65,000	31,100	119,897	36,000
1946.....	11,400	195,711	27,000	7,500	126,267	54,000
1947 <sup>4</sup> .....	8,700	236,544	-----	8,300	126,333	-----

<sup>1</sup> Includes flour made from United States wheat and shipments to Territories.<sup>2</sup> Includes "Red Durum."<sup>3</sup> Less than 500,000 bushels.<sup>4</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1925-28 in Agricultural Statistics, 1942, table 11, and data for 1929-37 in Agricultural Statistics, 1943, table 9.

Estimated production and stocks, by classes, are based on stocks of all wheat in each State, which data are broken down on basis of quinquennial wheat-variety surveys. Stocks are as of July 1 of the year given and are totals of stocks on farms, in interior mills, elevators and warehouses, in commercial centers and in merchant mills. Beginning 1942 the stocks include Commodity Credit Corporation wheat in transit and stored off farms in steel and wooden bins. Commercial stocks are reported by classes and merchant mill stocks are broken down largely on the basis of the distribution by classes of commercial stocks. Only old crop wheat is shown in all stocks positions. Exports and shipments by classes estimated on the basis of "inspection for export" and from records of the War Food Administration and export indemnifying agencies.

TABLE 11.—Wheat: United States foreign trade, by type of product, 1938-47

## IMPORTS

Year beginning July—	For domestic use				Wheat for milling in-bond and export <sup>2</sup>	Total imports
	Full-duty wheat	Wheat for feed <sup>1</sup>	Flour (grain equivalent)	Total wheat and flour <sup>3</sup>		
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1938.....	39	207	389	635	8,969	9,624
1939.....	56	86	335	477	9,953	10,430
1940.....	165	3,237	291	3,693	7,331	11,024
1941.....	1,699	1,785	179	3,663	11,912	15,575
1942.....	<sup>4</sup> 806	150	100	1,056	7,577	8,633
1943.....	<sup>4</sup> 136,013	189	158	136,360	10,952	147,312
1944.....	<sup>4</sup> 26,235	15,919	193	42,347	9,213	51,560
1945.....	1,136	726	96	1,958	11,591	13,549
1946.....	21	29	7	57	1,968	2,025
1947.....	7	117	6	130	19	149

## EXPORTS

Year beginning July—	Wheat as grain <sup>4</sup>	Flour wholly from United States wheat (grain equivalent) <sup>4</sup>	Total United States wheat and flour	Other flour (grain equivalent) <sup>4</sup>	Total wheat and flour (grain equivalent) <sup>4</sup>
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1938.....	84,589	22,056	106,645	9,138	115,783
1939.....	23,636	21,232	44,868	9,407	54,275
1940.....	10,810	22,812	33,622	6,935	40,557
1941.....	12,632	14,072	26,704	9,130	35,834
1942.....	6,555	19,946	26,501	6,900	33,401
1943.....	11,942	28,333	40,275	10,835	51,110
1944.....	19,010	28,197	47,207	9,398	56,605
1945.....	226,262	79,876	306,138	12,688	318,826
1946.....	144,029	157,710	301,739	6,549	308,288
1947.....	304,687	174,932	479,619	630	480,249

<sup>1</sup> Classified as "unfit for human consumption" or imported for special feeding programs.

<sup>2</sup> Includes grain equivalent of some flour imported in bond for reexport, which for 1938-39 to 1940-41 was as follows (1,000 bushels): 363; 214; and 170.

<sup>3</sup> Includes wheat and wheat products used for livestock and poultry feed, imported duty-free by the Commodity Credit Corporation.

<sup>4</sup> Period 1941-42 to 1946-47 does not include wheat and flour used by military services for civilian relief food abroad, estimated as follows (1,000 bushels): Wheat: 0; 0; 6,638; 57,056; 46,882; and 54,781. Flour, in terms of wheat: 1,010; 1,777; 15,900; 43,711; 36,917; and 37,591. Total, wheat and flour: 1,010; 1,777; 22,538; 100,767; 83,799; and 92,372. These items covered by reports of the Department of Commerce beginning January 1947, but for this tabulation the estimates are omitted from the 1946-47 marketing year. Military shipments for civilian relief are included in the figure for 1947-48 in the table above.

<sup>5</sup> Usually all from imported wheat, although in some years small quantities of United States wheat were added.

Bureau of Agricultural Economics.

## WHEAT

19

TABLE 12.—Wheat: Supply and distribution in continental United States, 1938-47

## SUPPLY

Year beginning July—	Stocks July 1						New crop	Imports (flour included) <sup>1</sup>	Total supply
	On farms	Interior mills, elevators, and warehouses	Commercial	Merchant mills	C. C. C. wheat in transit and in steel and wood bins	Total			
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1938.....	58,857	31,269	22,190	40,791	-----	153,107	919,913	271	1,073,291
1939.....	88,016	36,842	64,103	61,054	-----	250,015	741,210	263	991,488
1940.....	79,572	35,312	84,187	80,650	-----	279,721	814,646	2,523	1,097,890
1941.....	86,675	73,789	142,671	81,598	-----	384,733	941,970	3,664	1,330,367
1942.....	162,722	142,366	224,441	96,837	4,409	630,775	969,381	1,057	1,601,213
1943.....	189,574	103,804	162,151	104,378	58,990	618,897	843,813	136,360	1,569,070
1944.....	103,622	30,332	82,912	67,308	32,381	316,555	1,060,111	142,347	1,419,013
1945.....	87,703	42,129	67,185	58,463	23,700	279,180	1,108,224	1,958	1,389,362
1946.....	41,606	8,376	29,917	12,838	7,351	100,088	1,153,046	57	1,253,191
1947 <sup>2</sup> .....	46,477	10,116	8,129	24,591	500	83,813	1,367,186	130	1,451,129

## DISTRIBUTION

Year beginning July—	Domestic disappearance					Exports and shipments <sup>1</sup>				Stocks June 30 <sup>3</sup>	Per capita consumption as food
	Food	Feed <sup>4</sup>	Seed	Industrial use	Total	Exports (wheat only)	Exports of flour (grain equivalent)	Shipments (flour included) <sup>4</sup>	Total		
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	Bushels
1938.....	481,418	157,996	74,225	103	713,742	84,589	22,057	2,888	109,534	250,015	3.67
1939.....	475,352	115,041	72,946	89	663,428	23,636	21,232	3,471	48,339	279,721	3.59
1940.....	478,506	123,063	74,351	101	676,051	10,810	22,812	3,484	37,106	384,733	3.58
1941.....	487,821	116,277	62,490	1,614	668,202	12,632	18,082	3,676	31,390	630,775	3.62
1942.....	537,046	290,930	65,487	54,342	947,805	6,555	21,723	6,233	34,511	618,897	3.93
1943.....	543,075	488,504	77,351	107,527	1,216,457	18,580	44,233	3,245	66,058	316,555	3.93
1944.....	537,026	287,291	80,373	82,295	986,985	76,066	71,908	4,874	152,848	279,180	3.84
1945.....	487,400	303,764	82,011	20,971	894,146	273,144	116,793	4,002	395,128	100,088	3.45
1946.....	491,600	190,569	86,498	0	768,667	196,810	195,301	3,938	740,711	83,813	3.42
1947.....	491,900	181,714	91,363	700	765,677	304,687	174,932	3,551	749,527	195,925	3.36

<sup>1</sup> Foreign trade figures from reports of the Department of Commerce, War Department, and Department of Agriculture. Exports 1940 to date include military exports to Europe for relief and exports handled by War Food Administration. Imports include full-duty wheat, wheat imported for feed, and dutiable flour in terms of wheat. They exclude wheat imported for milling in bond and export as flour; also flour free for export, which for 1938-39 to 1940-41 were as follows (1,000 bushels): 363; 214; and 170.

<sup>2</sup> Preliminary.

<sup>3</sup> Balancing item; roughly approximates total used as feed, including that used in commercial feeds as well as that fed on farms.

<sup>4</sup> Shipments to Alaska, Hawaii, Puerto Rico, and Virgin Islands.

<sup>5</sup> For individual items see "Supply" section of this table.

<sup>6</sup> Includes flour used by United States military forces.

<sup>7</sup> In addition to exports and shipments of wheat and flour, includes exports of semolina, macaroni, and related products, which for the marketing years beginning July 1, 1945, were as follows (1,000 bu.): 1,189; 2,662, and 6,357.

Bureau of Agricultural Economics.

TABLE 13.—Wheat: Receipts graded by licensed inspectors, by classes and grades, United States, 1942-46 and total all classes 1937-46

Class and year beginning July—	No. 1	No. 2	No. 3	No. 4	No. 5	Sample	Total	Percentage grading No. 2 or better
<b>Hard red spring:</b>	<i>1,000 bu.</i>	<i>1,000 bu.</i>	<i>1,000 bu.</i>	<i>1,000 bu.</i>	<i>1,000 bu.</i>	<i>1,000 bu.</i>	<i>1,000 bu.</i>	<i>Percent</i>
1942.....	123,161	44,492	34,283	8,194	2,370	5,305	217,805	77
1943.....	351,499	75,525	44,008	11,616	4,044	13,508	500,200	85
1944.....	202,028	77,161	54,686	21,595	10,488	30,148	396,106	70
1945.....	280,898	64,070	42,487	8,362	3,172	4,265	403,254	85
1946.....	153,691	43,917	16,911	4,676	1,604	2,132	222,931	89
<b>Durum:</b>								
1942.....	2,934	10,362	8,643	4,430	3,070	3,920	33,359	40
1943.....	9,206	14,646	5,185	2,070	1,523	1,420	34,050	70
1944.....	3,482	6,262	4,357	3,391	3,514	4,914	25,920	37
1945.....	10,283	8,931	2,784	957	500	508	23,963	80
1946.....	14,109	12,800	1,929	449	111	190	29,588	91
<b>Red durum:</b>								
1942.....	1,386	2,450	1,068	648	550	624	6,726	57
1943.....	576	726	510	254	107	193	2,366	55
1944.....	879	777	350	130	80	188	2,374	70
1945.....	1,177	957	555	224	158	335	3,406	62
1946.....	1,054	612	302	124	64	145	2,301	72
<b>Hard red winter:</b>								
1942.....	226,991	186,787	46,428	7,006	1,454	8,984	477,650	86
1943.....	276,898	140,348	25,821	4,101	988	7,172	455,328	92
1944.....	262,215	143,373	63,637	32,155	10,479	11,167	523,026	78
1945.....	382,111	217,471	69,754	15,570	4,717	22,930	712,553	84
1946.....	464,783	143,918	35,714	7,930	3,770	20,849	676,964	90
<b>Soft red winter:</b>								
1942.....	6,364	14,151	7,327	1,752	536	1,914	32,044	64
1943.....	3,396	7,204	6,464	3,898	1,815	1,724	24,501	43
1944.....	20,659	32,903	6,490	1,522	421	651	62,646	86
1945.....	6,428	48,854	27,183	2,351	285	3,514	88,615	62
1946.....	15,618	39,237	10,440	1,173	239	2,408	69,115	79
<b>White:</b>								
1942.....	31,840	20,077	3,210	638	176	651	56,592	92
1943.....	50,565	21,165	2,784	504	156	684	75,858	95
1944.....	44,752	21,454	1,841	737	368	484	69,636	95
1945.....	37,409	50,515	11,697	1,447	256	920	102,244	86
1946.....	65,329	23,392	3,316	577	154	740	93,508	95
<b>Mixed:</b>								
1942.....	3,154	6,557	4,819	1,766	652	1,401	18,349	53
1943.....	6,482	3,611	3,507	1,080	408	838	15,926	63
1944.....	8,031	8,966	3,604	1,242	701	907	23,451	72
1945.....	5,888	10,604	7,665	1,675	432	1,545	27,809	59
1946.....	10,253	11,998	3,139	972	348	1,324	28,034	79
<b>Total:</b>								
1937.....	225,074	188,692	118,709	76,487	54,571	34,923	698,456	59
1938.....	251,821	261,636	161,206	76,038	32,423	16,502	799,626	64
1939.....	214,590	222,058	131,722	27,470	6,585	10,995	613,420	71
1940.....	297,491	201,855	94,944	31,307	12,300	14,380	652,277	76
1941.....	236,623	223,161	122,776	44,666	14,774	23,751	665,751	69
1942.....	395,830	284,876	105,778	24,434	8,808	22,799	842,825	81
1943.....	698,622	263,225	88,279	23,523	9,041	25,539	1,108,229	87
1944.....	542,046	290,896	134,965	60,772	26,021	48,459	1,103,159	76
1945.....	724,194	401,402	162,125	30,586	9,520	34,017	1,361,844	82
1946.....	724,837	275,874	71,751	15,901	6,290	27,788	1,122,441	89

Production and Marketing Administration. The quantity loaded per car varies, but carlot receipts have been converted to bushels on the basis of 1,500 bushels per car for the years 1937-43 and 1,650 bushels for 1944-46.

TABLE 14.—Wheat: Estimated cost of production, by selected groups of States, 1938-46<sup>1</sup>

State groups	Average 1938-46		Net cost per acre, including rent								
	Acreage harvested	Yield per acre <sup>2</sup>	1938	1939	1940	1941	1942	1943	1944	1945	1946
Eastern:	1,000 acres										
North <sup>3</sup> .....	2,649	Bu. 19.0	Dol. 20.40	Dol. 19.62	Dol. 20.53	Dol. 21.44	Dol. 24.02	Dol. 26.63	Dol. 29.86	Dol. 31.96	Dol. 34.91
South <sup>4</sup> .....	1,302	13.3	14.91	14.27	14.97	15.99	18.03	19.94	22.77	24.76	27.48
Ohio, Indiana and Michigan.....	4,154	21.4	19.45	18.94	19.52	20.85	23.66	26.24	29.76	30.87	33.37
Wisconsin, Illinois, Iowa, and Missouri.....	3,259	17.2	15.69	15.12	15.78	17.29	19.55	21.30	24.20	26.14	28.44
Nebraska, Kansas, Colorado, Texas, and Oklahoma.....	24,407	14.6	10.84	10.84	11.43	11.07	12.53	13.91	16.06	16.46	17.63
Minnesota, North Dakota, South Dakota, Montana, and Wyoming.....	16,803	15.3	10.89	9.97	10.50	11.03	13.66	15.69	17.18	17.66	19.65
Western <sup>5</sup> .....	5,274	26.8	16.92	16.03	16.40	18.04	19.95	23.27	26.10	28.55	30.53
United States.....	57,848	16.7	12.90	12.53	13.12	13.41	15.32	17.13	19.57	20.12	21.29
Net cost per bushel, including rent											
Eastern:											
North <sup>3</sup> .....			1.10	1.08	1.03	1.13	1.28	1.69	1.39	1.65	1.70
South <sup>4</sup> .....			1.37	1.25	1.15	1.14	1.35	1.66	1.56	1.82	1.78
Ohio, Indiana and Michigan.....			1.05	.99	.93	.87	1.27	1.60	1.33	1.21	1.35
Wisconsin, Illinois, Iowa, and Missouri.....			.99	.82	.76	1.02	1.36	1.39	1.33	1.57	1.73
Nebraska, Kansas, Colorado, Texas, and Oklahoma.....			1.00	.92	.86	.81	.65	.97	.95	1.10	1.12
Minnesota, North Dakota, South Dakota, Montana, and Wyoming.....			.95	.84	.83	.66	.67	.89	1.05	1.12	1.26
Western <sup>5</sup> .....			.76	.74	.81	.68	.75	.94	1.02	1.19	1.18
United States.....			.97	.89	.86	.79	.77	1.04	1.08	1.18	1.24

<sup>1</sup> Costs for each year indicated are based on average wheat yields for that year, and on prevailing cost rates for labor, farm power, materials, equipment, and land rent during the year.

<sup>2</sup> Yield per acre is a weighted average.

<sup>3</sup> Includes the 6 New England States, New York, Pennsylvania, New Jersey, Delaware, Maryland, Virginia, West Virginia, and Kentucky.

<sup>4</sup> Includes North Carolina, South Carolina, Georgia, Alabama, Tennessee, and Arkansas.

<sup>5</sup> Includes Idaho, New Mexico, Arizona, Utah, Nevada, Washington, Oregon, and California.

Bureau of Agricultural Economics. See also table 683.

TABLE 15.—Wheat and wheat flour: Average price, selected markets and grades, 1938-47

Year beginning July—	Wheat, per bushel											Flour, per 100 pounds	
	Portland, Oreg., No. 1 Soft White <sup>1</sup>	Minneapolis, No. 1 Dark Northern Spring	Minneapolis, No. 2 Hard Amber Durum	St. Louis, No. 2 Red Winter	Kansas City, No. 2 Hard Winter	Chicago, No. 2 Hard Winter	New York, No. 2 Hard Winter	6 markets, all classes and grades <sup>1</sup>	Winnipeg, Cana- dian No. 2 North- ern Manitoba	Buenos Aires, Argentina No. 2 semihard	Sydney, Australi- an milling.	Kansas City, Hard Winter wheat, short patents	Minneapolis, Spring wheat, standard patents
	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Dollars	Dollars
1938	66	79	72	70	70	70	87	69.9	62	61	49	2.30	2.56
1939	80	97	92	75	74	78	112	86.0	67	60	53	2.76	2.80
1940	76	90	92	82	82	85	106	84.3	65	57	64	2.74	2.41
1941	96	110	116	110	112	109	139	109.3	66	55	64	3.32	3.01
1942	118	129	131	134	126	126	154	126.0	81	55	64	3.60	3.13
1943	145	155	156	167	145	151	182	152.6	<sup>1</sup> 119	61	<sup>4</sup> 74	4.26	3.31
1944	151	159	164	158	156	160	189	157.1	130	72	97	4.21	3.34
1945	163	171	175	168	160	167	199	165.9	138	124	160	4.33	3.34
1946	202	234	232	216	209	210	250	223.6	<sup>2</sup> 232	-----	218	6.21	5.62
1947	250	288	289	245	<sup>2</sup> 252	247	283	275.7	286	-----	307	6.96	6.56

<sup>1</sup> Prior to June 1940 quoted as Soft White.<sup>2</sup> Markets are Chicago, Minneapolis, Kansas City, St. Louis, Omaha, and Duluth.<sup>3</sup> Export price to the United States and neutral countries from Oct. 19, 1943, to July 31, 1946.<sup>4</sup> Beginning July 1943, export price, f.o.b. port, bulk.<sup>5</sup> Beginning August 1946, commercial sales to countries other than the United Kingdom.<sup>6</sup> No. 2 Hard and Dark Hard Winter.

Bureau of Agricultural Economics. Compiled from following sources: Northwestern Daily Produce News; Bureau of Labor Statistics Wholesale Price Bulletins; reports of the Production and Marketing Administration; New York Journal of Commerce; Broomhall's Yearbook and Corn Trade News; Canadian Grain Statistics; Revista de la Bolsa de Cereales, La Nacion, Buenos Aires, weeklies; Statistical Register of New South Wales, annual; Summary of the Australian Wheat Situation, and from trade papers published at various markets. Wheat prices at Minneapolis, St. Louis, Kansas City, and Chicago are weighted averages. Foreign prices are compiled in original currencies and units. Prices converted to cents per bushel of 60 pounds at current monthly rates of exchange as reported by the Federal Reserve Board (beginning July 8, 1946, Canadian prices converted at par). For earlier prices, see the 1928, 1930, and 1934 Yearbooks, tables 22, 26, and 18, and Agricultural Statistics, 1937 and 1939, tables 19 and 24.

TABLE 16.—Wheat futures: Volume of trading by contract markets, 1938-47

Year beginning July—	Chicago Board of Trade	Chicago Open Board of Trade	Minne- apolis Grain Exchange	Kansas City Board of Trade	Duluth Board of Trade	Mil- waukee Grain Exchange	Seattle Grain Exchange	Portland Grain Exchange	Total
	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels
1938.....	4,372.1	114.3	404.5	658.7	48.1	3.8	3.6	.1	5,505.2
1939.....	6,849.9	208.1	539.2	717.2	50.8	7.3	2.4	.1	8,375.0
1940.....	3,736.2	116.9	390.8	497.9	35.7	3.6	2.7	.1	4,783.9
1941.....	2,810.2	95.7	497.4	377.7	42.6	2.6	4.7	.1	3,831.0
1942.....	1,754.3	60.0	503.5	346.1	34.5	1.8	3.0	( <sup>1</sup> )	2,703.2
1943.....	1,761.9	38.1	482.8	332.0	24.2	1.6	1.1	-----	2,641.7
1944.....	1,872.2	41.5	244.1	262.6	1.6	1.7	1.3	-----	2,425.0
1945.....	1,155.2	21.1	92.3	202.5	.1	.6	2.2	-----	1,474.0
1946.....	1,856.3	82.4	107.0	274.6	( <sup>1</sup> )	1.5	.6	-----	2,322.4
1947.....	4,385.0	141.6	424.9	811.0	-----	1.2	4.4	-----	5,768.1

<sup>1</sup> Less than 50,000 bushels.

Commodity Exchange Authority. Compiled from daily reports from exchange clearing members.

TABLE 17.—Wheat futures: Annual average of month-end open contracts, by contract markets, 1938-47

Year beginning July—	Chicago Board of Trade	Chicago Open Board of Trade	Minneapolis Grain Exchange	Kansas City Board of Trade	Duluth Board of Trade	Milwaukee Grain Exchange	Seattle Grain Exchange	Total <sup>1</sup>
	Million bushels	Million bushels	Million bushels	Million <sup>2</sup> bushels	* Million <sup>2</sup> bushels	Million bushels	Million bushels	Million bushels
1938.....	93.8	.6	10.4	17.8	1.2	.1	.3	124.2
1939.....	87.4	.8	12.1	18.1	1.6	.2	.2	120.4
1940.....	52.9	.5	9.0	15.4	1.1	.1	.2	79.2
1941.....	42.2	.4	15.6	11.0	1.8	.1	.3	71.4
1942.....	36.7	.4	15.5	13.1	1.1	.1	.3	67.2
1943.....	40.0	.4	12.2	11.9	.9	( <sup>3</sup> )	.1	65.5
1944.....	44.6	.4	5.4	9.3	.1	( <sup>3</sup> )	.1	59.9
1945.....	38.7	.3	2.8	9.5	( <sup>3</sup> )	( <sup>3</sup> )	.1	51.4
1946.....	27.7	.3	2.3	7.8	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	38.1
1947.....	60.4	.6	7.1	16.6	-----	( <sup>3</sup> )	.3	94.0

<sup>1</sup> Includes open contracts of less than 50,000 bushels for the Portland Grain Exchange for the years 1938 through 1942.

<sup>2</sup> Less than 50,000 bushels.

Commodity Exchange Authority. Compiled from daily reports from exchange clearing members.

TABLE 18.—Wheat futures: Highest and lowest prices per bushel, by date and future, Chicago Board of Trade, 1938-47

Year beginning July—	Highest			Lowest		
	Price	Date	Future	Price	Date	Future
1938.....	Cents 81½	May 22.....	1939 May..	59½	Sept. 7.....	1938 Sept.
1939.....	113	Apr. 22.....	1940 May..	60½	July 24.....	1939 Sept.
1940.....	109½	June 27.....	1941 Dec..	66½	Aug. 16.....	1940 Sept.
1941.....	137½	Jan. 27.....	1942 Sept..	100½	July 21.....	1941 July
1942.....	153½	Mar. 4.....	1943 Dec..	114½	July 20.....	1942 July
1943.....	173½	( <sup>1</sup> )	1944 May..	142½	Aug. 16.....	1943 Sept.
1944.....	177½	Mar. 7 and 8...	1945 Mar..	136	Sept. 7.....	1945 July
1945.....	198½	( <sup>2</sup> )	1946 Mar..	150½	Aug. 21.....	1946 July
1946.....	305	Mar. 18.....	1947 Mar..	169½	Nov. 30.....	1947 July
1947.....	320½	Nov. 28.....	1947 Dec..	207½	Aug. 11.....	1948 July

<sup>1</sup> Jan. 10, Mar. 24 to May 13 inclusive, and May 17, 20, and 22.

<sup>2</sup> On several dates in May and June.

<sup>3</sup> 1946 July, Aug., Sept., Nov., Dec., and 1947 Mar.

Commodity Exchange Authority. Compiled from records of the Chicago Board of Trade.

Data for 1929-37 in Agricultural Statistics, 1944, table 16. Highest and lowest prices during the period July 1, 1909, through June 30, 1948: High, \$3.25, May future, May 11, 1917; low, \$0.41½, December future, Nov. 25, 1932.



TABLE 19.—Rye: Acreage, production, value, and foreign trade, United States, 1929-47

Year	Acreage seeded for all purposes, in preceding fall <sup>1</sup>	Acreage harvested for grain	Yield per harvested acre	Production	Season average price per bushel received by farmers	Farm value	Average price per bushel of No. 2 rye at Minneapolis, year beginning July <sup>2</sup>	Foreign trade, including flour and malt, year beginning July <sup>3</sup>		
								Domestic exports	Imports	Net exports <sup>4</sup>
	1,000 acres	1,000 acres	Bushels	1,000 bushels	Cents	1,000 dollars	Cents	1,000 bushels	1,000 bushels	1,000 bushels
1929		5,033	11.3	54,303						
1929		3,138	11.3	35,411	85.7	30,333	90	2,600	1	2,599
1930		3,646	12.4	45,383	44.4	20,165	51	227	88	139
1931	5,345	3,159	10.4	32,777	34.1	11,175	42	909	1	908
1932	5,401	3,350	11.7	39,099	28.0	10,952	41	318	14	304
1933	4,714	2,405	8.6	20,573	62.7	12,907	69	21	12,063	<sup>5</sup> 12,042
1934		1,914	8.5	16,234						
1934	5,453	1,921	8.5	16,285	72.0	11,731	81	( <sup>6</sup> )	11,379	<sup>5</sup> 11,379
1935	6,210	4,066	14.0	56,938	39.8	22,677	50	9	2,334	<sup>5</sup> 2,325
1936	6,446	2,694	9.0	24,239	81.2	19,686	97	248	4,018	<sup>5</sup> 3,770
1937	7,235	3,825	12.8	49,862	68.6	33,517	74	6,578	14	6,564
1938	6,654	4,087	13.7	55,964	33.8	18,928	44	784	1	783
1939		3,569	10.1	35,844						
1939	7,206	3,822	10.1	38,562	43.9	16,935	56	732	( <sup>6</sup> )	732
1940	5,514	3,204	12.4	39,725	<sup>7</sup> 42.0	16,679	51	245	1,392	<sup>5</sup> 1,147
1941	6,142	3,573	12.3	43,878	<sup>7</sup> 54.2	23,766	65	23	8,758	<sup>5</sup> 8,735
1942	6,371	3,792	14.0	52,929	<sup>7</sup> 60.3	31,934	73	15	1,490	<sup>5</sup> 1,475
1943	5,311	2,652	10.8	28,680	<sup>7</sup> 98.2	28,173	108	110	8,336	<sup>5</sup> 8,226
1944		2,083	10.6	21,549						
1944	4,415	2,132	10.6	22,525	<sup>7</sup> 109.0	24,597	122	1,747	4,146	<sup>5</sup> 2,399
1945	4,189	1,856	12.9	23,952	135.0	32,430	172	6,165	1,996	4,169
1946	3,396	1,607	11.7	18,879	192.0	36,169	255	573	1,641	<sup>5</sup> 1,068
1947 <sup>8</sup>	3,709	2,022	12.8	25,977	220.0	58,535	265			

<sup>1</sup> Estimates of seeded acreage relate to the total acreage of rye sown for all purposes, including spring-sown rye.<sup>2</sup> Prices are from Minneapolis Daily Market Record and are averages of daily prices weighted by carlot sales.<sup>3</sup> Compiled from Monthly Summary of Foreign Commerce of the United States, January and June issues, and official records of the Department of Commerce. Rye—imports for consumption. Rye flour—imports for consumption; no exports reported since December 1932. Rye flour converted to rye on the basis that 1 barrel of flour is the product of 4.6 bushels of grain. Rye malt, no exports reported. Imports not separately reported prior to 1930. Converted to bushels of rye on basis that 1 bushel malt is the product of 1.1 bushel of grain through 1942. Beginning 1943, a bushel of malt equals a bushel of grain.<sup>4</sup> Domestic exports minus imports for consumption.<sup>5</sup> Net imports.<sup>6</sup> Less than 500 bushels.<sup>7</sup> Includes an allowance for unredeemed loans at average loan value.<sup>8</sup> Preliminary.

Bureau of Agricultural Economics. Italic figures are census returns.

TABLE 20.—Rye: Acreage, production, and season average price per bushel received by farmers, by States, averages 1936-45, annual 1946 and 1947

State and division	Acreage seeded <sup>1</sup>			Acreage harvested for grain			Production			Price for crop of—		
	Crops of 1936-45	Crop of 1946	Crop of 1947 <sup>2</sup>	Average 1936-45	1946	1947 <sup>2</sup>	Average 1936-45	1946	1947 <sup>2</sup>	Average 1936-45 (¢)	1946	1947 <sup>2</sup>
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 bu.	1,000 bu.	1,000 bu.	Cents	Cents	Cents
New York.....	65	64	70	18	8	15	312	144	285	87	198	226
New Jersey.....	94	91	89	16	15	15	275	262	270	93	198	210
Pennsylvania.....	77	33	28	57	22	18	828	341	279	86	170	196
North Atlantic.....	236	188	187	91	45	48	1,415	747	834	87.2	185	211
Ohio.....	111	70	77	56	17	30	916	289	510	78	180	218
Indiana.....	230	124	143	114	46	60	1,479	621	840	75	179	213
Illinois.....	153	88	127	71	38	57	912	475	708	73	182	225
Michigan.....	140	91	126	86	48	70	1,104	672	1,120	77	184	225
Wisconsin.....	268	100	109	186	76	87	2,181	874	1,000	77	198	235
Minnesota.....	384	151	189	312	118	164	4,384	1,534	2,460	71	208	245
Iowa.....	131	26	28	58	10	17	972	170	255	70	192	235
Missouri.....	134	100	100	43	35	36	512	438	468	87	190	225
North Dakota.....	903	225	360	602	196	323	6,750	2,156	4,360	65	206	240
South Dakota.....	841	323	410	548	241	347	6,589	2,530	4,858	67	199	235
Nebraska.....	698	423	440	385	267	288	4,155	3,070	2,592	68	185	225
Kansas.....	187	120	136	85	53	57	917	556	627	71	180	217
North Central.....	4,180	1,841	2,245	2,545	1,145	1,536	30,872	13,385	19,888	69.3	194	233
Delaware.....	21	33	32	12	18	19	152	243	238	96	188	210
Maryland.....	51	58	60	18	14	19	256	203	276	93	186	208
Virginia.....	131	117	108	42	28	27	511	392	392	100	183	210
West Virginia.....	13	8	8	6	3	3	72	38	36	94	174	200
North Carolina.....	176	145	145	46	22	24	435	275	336	122	235	260
South Carolina.....	64	52	49	18	13	12	163	130	132	142	238	255
Georgia.....	60	30	27	18	6	6	135	66	54	137	257	270
South Atlantic.....	517	443	429	160	104	110	1,724	1,347	1,464	111	204	227
Kentucky.....	114	155	141	20	37	37	253	518	518	95	190	225
Tennessee.....	157	115	98	39	25	26	378	250	273	108	210	225
Oklahoma.....	222	144	115	84	48	48	760	432	480	74	161	215
Texas.....	32	49	70	15	11	35	147	110	350	74	158	195
South Central.....	525	463	424	158	121	146	1,537	1,310	1,621	85.8	182	216
Montana.....	77	51	60	34	33	39	413	330	507	61	211	225
Idaho.....	17	11	10	6	4	5	86	56	85	74	172	205
Wyoming.....	39	29	28	18	8	7	183	84	77	68	182	206
Colorado.....	127	100	78	70	68	47	704	646	470	66	174	215
New Mexico.....	10	10	7	8	5	5	75	42	58	68	164	210
Utah.....	12	22	16	6	9	8	61	86	80	80	180	200
Washington.....	52	50	50	20	12	16	240	150	168	78	159	215
Oregon.....	126	159	145	36	40	40	500	540	560	78	167	205
California.....	26	29	30	10	13	15	124	156	165	79	167	210
Western.....	487	461	424	210	192	182	2,386	2,090	2,170	69.7	177	213
United States.....	5,945	3,396	3,709	3,164	1,607	2,022	37,934	18,879	25,977	72.6	192	229

<sup>1</sup> Estimates of seeded acreage relate to the total acreage of rye sown for all purposes, including spring-sown rye.

<sup>2</sup> Preliminary.

<sup>3</sup> For certain years, prices include an allowance for unredeemed loans at average loan value.

Bureau of Agricultural Economics.

TABLE 21.—*Rye: Acreage, yield per acre, and production in specified countries, year of harvest, average 1935-39, annual 1945-47 1*

Continent and country	Acreage 2				Yield per acre 3				Production			
	Average 1935-39	1945	1946	1947 4	Average 1935-39	1945	1946	1947 4	Average 1935-39	1945	1946	1947 4
<b>North America:</b>												
Canada.....	816	487	715	1,196	11.3	12.1	12.3	12.8	1,000 bushels	3,888	8,811	13,217
United States.....	3,669	1,856	1,607	2,022	12.1	12.9	11.7	11.4	1,000 bushels	23,952	18,879	25,977
<b>Total.....</b>	<b>4,515</b>	<b>2,343</b>	<b>2,322</b>	<b>3,178</b>					<b>54,108</b>	<b>29,840</b>	<b>27,690</b>	<b>39,194</b>
<b>Europe:</b>												
Austria.....	912	550	620	580	23.4	16.5	19.0	19.7	21,355	9,100	11,800	11,400
Belgium.....	369	310	287	220	38.8	26.0	36.6	37.8	14,319	9,000	10,500	8,700
Bulgaria.....	467	373	500	746	17.3	10.7	17.0	17.0	8,084	4,000	8,500	-----
Czechoslovakia.....	2,350	2,100	2,100	2,100	26.0	21.3	25.5	25.5	61,000	46,000	55,000	-----
Denmark.....	808	808	808	808	26.2	30.6	32.7	27.4	17,200	17,200	17,200	7,086
Finland.....	604	369	369	370	24.6	30.6	31.7	27.1	13,300	7,200	11,200	1,200
France.....	1,614	940	1,150	1,170	18.6	14.7	17.0	15.1	30,013	13,800	19,600	17,700
Germany.....	7,035	109	133	155	29.1	-----	-----	-----	205,000	-----	-----	-----
Greece.....	163	109	133	155	13.8	8.9	14.8	11.0	2,244	-----	-----	-----
Hungary.....	1,585	913	1,122	1,210	18.5	13.1	14.9	14.5	29,354	11,968	16,701	17,500
Italy.....	258	240	255	250	22.1	13.8	17.6	17.2	5,700	3,300	4,500	4,300
Luxembourg.....	18	12	15	13	25.7	20.7	25.7	21.2	462	248	386	-----
Netherlands.....	669	534	596	448	35.1	30.6	32.3	27.9	19,035	11,000	17,948	12,500
Norway.....	43	8	7	7	21.2	22.1	28.6	28.6	177	200	200	200
Poland.....	13,432	667	555	570	13.1	8.5	11.0	9.6	284,000	4,805	6,100	5,500
Portugal.....	640	-----	-----	-----	15.6	-----	-----	-----	10,000	-----	-----	-----
Rumania.....	640	479	1,466	1,460	13.6	10.0	13.7	12.3	19,205	14,800	20,078	18,000
Spain.....	415	415	415	415	30.0	26.1	29.4	19.6	14,528	10,876	11,384	5,897
Sweden.....	38	32	36	37	33.2	34.4	34.3	26.8	1,260	1,102	1,200	990
Switzerland.....	18	80	55	36	22.1	26.5	28.4	23.9	398	2,360	1,560	800
United Kingdom.....	653	-----	-----	-----	13.4	-----	-----	-----	8,500	-----	-----	-----
Yugoslavia.....	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
<b>Estimated total 1</b>	<b>33,210</b>	<b>25,340</b>	<b>26,400</b>	<b>27,350</b>					<b>763,000</b>	<b>452,000</b>	<b>510,000</b>	<b>495,000</b>
<b>U.S.S.R. (Europe and Asia).....</b>	<b>60,800</b>	<b>70,000</b>	<b>70,000</b>	<b>71,000</b>	<b>14.6</b>		<b>12.3</b>	<b>13.0</b>	<b>885,000</b>		<b>800,000</b>	<b>920,000</b>
<b>Other countries:</b>												
Turkey.....	939	936	988	1,025	15.2	9.5	18.4	15.3	14,301	8,896	18,200	15,700
Argentina.....	1,078	1,407	2,282	1,600	9.1	8.2	9.5	8.8	11,535	21,739	14,000	14,000
Union of South Africa.....	117	191	191	191	6.8	-----	7.1	9.0	794	836	1,349	1,711
<b>Estimated world total 1</b>	<b>100,770</b>	<b>100,390</b>	<b>102,320</b>	<b>104,500</b>					<b>1,730,000</b>	<b>1,345,000</b>	<b>1,440,000</b>	<b>1,400,000</b>

<sup>1</sup> Years shown refer to years of harvest in the Northern Hemisphere. Harvests of Northern Hemisphere countries are combined with those of the Southern Hemisphere which immediately follow; thus, the crop harvested in the Northern Hemisphere in 1947 is combined with estimates for the Southern Hemisphere harvests, which began late in 1947 and ended early in 1948.

<sup>2</sup> Figures refer to harvested areas as far as possible.

<sup>3</sup> Yield per acre are calculated from acreage and production data shown, except for incomplete figures.

<sup>4</sup> Revised estimates for Northern Hemisphere countries; for Southern Hemisphere, preliminary forecasts.

<sup>5</sup> Estimate not adjusted to take account of inclusion of Southern Dobrudja, and is therefore not strictly comparable with estimates shown for later years.

<sup>6</sup> Figure for 1935 only.

<sup>7</sup> Estimated totals, which in the case of production are rounded to millions, include allowances for any missing data for countries shown and for other producing countries not shown.

<sup>8</sup> Average of less than 5 years.

Office of Foreign Agricultural Relations. Prepared or estimated on the basis of official statistics of foreign governments, reports of United States foreign service officers, results of office research, or other information. Prewar estimates for countries having changed boundaries have been adjusted to conform to present boundaries, except as noted.

TABLE 22.—Rye: Production and farm disposition, United States, 1938-47

Crop of—	Production	Used for seed		Fed to livestock	Ground at mill for home use or exchanged for flour	Sold
		Total	On farms where grown			
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1938.....	55,984	9,710	4,440	21,522	284	29,738
1939.....	38,562	7,378	3,662	16,111	189	18,600
1940.....	39,725	8,079	3,394	16,242	163	19,926
1941.....	43,878	8,283	3,650	16,528	155	23,545
1942.....	52,929	6,841	3,294	20,673	168	28,794
1943.....	28,680	5,753	2,517	13,729	96	12,338
1944.....	22,525	5,429	2,166	8,602	64	11,693
1945.....	23,952	4,454	1,894	6,354	52	15,652
1946.....	18,879	4,897	1,829	3,823	39	13,188
1947 <sup>1</sup> .....	25,977	4,968	2,086	4,261	35	19,595

<sup>1</sup> Preliminary.

Bureau of Agricultural Economics. Disposition of the crop specified and not disposition within the marketing year. Estimates of farm disposition represent portions of the crop used or to be used for the designated purposes on farms where produced and do not include purchases by farmers from others for such purposes.

TABLE 23.—Rye: Production and farm disposition, by States, crop of 1946

State	Production	Used for seed		Fed to livestock	Ground at mill for home use or exchanged for flour	Sold
		Total	On farms where grown			
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bu bushels
New York.....	144	126	19	37	—	87
New Jersey.....	262	160	40	52	—	170
Pennsylvania.....	341	45	25	236	—	56
Ohio.....	289	108	22	104	1	162
Indiana.....	621	186	74	155	—	392
Illinois.....	475	178	36	119	—	320
Michigan.....	672	189	57	202	1	412
Wisconsin.....	874	174	96	350	7	421
Minnesota.....	1,534	321	160	92	3	1,279
Iowa.....	170	45	9	34	—	127
Missouri.....	438	140	41	110	1	286
North Dakota.....	2,156	468	225	22	3	1,906
South Dakota.....	2,530	533	256	101	2	2,171
Nebraska.....	3,070	528	238	553	3	2,276
Kansas.....	556	150	52	178	1	325
Delaware.....	243	48	26	36	—	181
Maryland.....	203	96	26	51	2	124
Virginia.....	392	151	45	137	2	208
West Virginia.....	38	12	3	27	1	7
North Carolina.....	275	174	38	82	4	151
South Carolina.....	130	59	18	20	—	92
Georgia.....	66	32	6	13	—	47
Kentucky.....	518	197	39	93	—	386
Tennessee.....	250	127	32	70	—	148
Oklahoma.....	432	126	50	225	—	157
Texas.....	110	70	21	38	—	51
Montana.....	330	60	22	82	—	226
Idaho.....	86	12	4	28	—	24
Wyoming.....	84	25	6	42	—	36
Colorado.....	646	70	43	181	1	421
New Mexico.....	42	6	3	8	—	31
Utah.....	86	22	10	60	1	15
Washington.....	150	60	13	52	—	85
Oregon.....	540	160	56	135	1	348
California.....	156	39	15	78	—	60
United States.....	18,879	4,897	1,829	3,823	39	13,188

Bureau of Agricultural Economics. Disposition of the crop specified and not disposition within the marketing year. Estimates of farm disposition represent portions of the crop used or to be used for the designated purposes on farms where produced and do not include purchases by farmers from others for such purposes.

TABLE 24.—Rye: Production and farm disposition, by States, crop of 1947 <sup>1</sup>

State	Production	Used for seed		Fed to livestock	Ground at mill for home use or exchanged for flour	Sold
		Total	On farms where grown			
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
New York.....	285	131	26	88	1	170
New Jersey.....	270	183	35	54	—	181
Pennsylvania.....	279	36	20	223	3	33
Ohio.....	510	102	26	158	2	324
Indiana.....	840	195	55	218	—	567
Illinois.....	798	196	43	160	—	595
Michigan.....	1,120	189	83	392	—	645
Wisconsin.....	1,000	158	85	350	8	557
Minnesota.....	2,460	434	226	123	4	2,107
Iowa.....	255	58	15	26	—	214
Missouri.....	468	168	45	126	1	296
North Dakota.....	4,360	585	328	44	2	3,986
South Dakota.....	4,858	566	340	97	2	4,419
Nebraska.....	2,592	422	232	570	1	1,789
Kansas.....	627	112	47	176	—	404
Delaware.....	238	48	28	29	—	181
Maryland.....	276	93	35	97	2	142
Virginia.....	392	151	44	157	2	189
West Virginia.....	36	10	3	25	1	7
North Carolina.....	336	150	42	118	4	172
South Carolina.....	132	48	14	25	—	93
Georgia.....	54	31	6	11	—	37
Kentucky.....	618	182	36	95	—	389
Tennessee.....	273	121	30	82	—	161
Oklahoma.....	480	119	50	120	—	310
Texas.....	350	98	29	88	—	233
Montana.....	507	54	24	101	—	382
Idaho.....	85	12	4	42	—	39
Wyoming.....	77	24	6	39	—	32
Colorado.....	470	52	31	141	—	298
New Mexico.....	58	5	3	12	—	43
Utah.....	80	18	9	40	1	30
Washington.....	168	58	16	42	—	110
Oregon.....	566	148	52	112	1	385
California.....	165	39	18	82	—	65
United States.....	25,977	4,968	2,086	4,261	35	19,595

<sup>1</sup> Preliminary.

Bureau of Agricultural Economics. Disposition of the crop specified and not disposition within the marketing year. Estimates of farm disposition represent portions of the crop used or to be used for the designated purposes on farms where produced and do not include purchases by farmers from others for such purposes.

TABLE 25.—Rye: Stocks on and off farms, United States, 1938-47

Year beginning October—	On farms				Off farms <sup>1</sup>			
	Oct. 1	Jan. 1	Apr. 1	July 1 <sup>2</sup>	Oct. 1	Jan. 1	Apr. 1	July 1 <sup>2</sup>
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1938.....	31,000	25,000	14,500	14,520	.....	.....	.....	.....
1939.....	31,500	24,500	19,000	13,100	.....	.....	.....	.....
1940.....	35,000	22,400	16,400	12,100	.....	.....	.....	.....
1941.....	42,000	30,500	21,800	15,300	.....	.....	28,494	31,814
1942.....	21,500	13,500	8,325	5,000	31,475	28,608	27,294	25,985
1943.....	13,959	9,250	5,668	3,030	19,609	16,340	13,790	9,136
1944.....	12,961	6,550	2,989	1,050	8,033	6,765	4,492	1,227
1945.....	9,829	4,000	1,700	600	3,339	4,504	3,383	1,746
1947 <sup>3</sup> .....	13,482	7,200	4,434	1,700	8,149	7,230	3,732	1,642

<sup>1</sup> Includes stocks in interior mills, elevators, and warehouses, merchant mills, and commercial stocks at terminals.

<sup>2</sup> Includes old crop only.

<sup>3</sup> Preliminary.

Bureau of Agricultural Economics.

TABLE 26.—Rye: Supply and distribution, United States, 1939-47

Year beginning July—	Stocks, July 1 <sup>1</sup>	Production	Imports	Total supply	Domestic disappearance					Exports <sup>2</sup>
					Food <sup>3</sup>	Feed	Seed	Spirits and alcohol	Total	
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1939.....	21,904	38,562	( <sup>4</sup> )	60,466	7,018 <sup>5</sup>	20,136	7,378	5,596	40,128	732
1940.....	19,606	39,725	1,392	60,723	7,134 <sup>5</sup>	19,847	8,079	6,679	41,739	245
1941.....	18,739	43,878	8,758	71,375	7,824 <sup>5</sup>	19,250	8,283	6,861	42,218	23
1942.....	29,134	52,929	1,490	83,553	8,335 <sup>5</sup>	27,229	6,841	2,089	44,494	450
1943.....	47,114	28,680	8,314	84,108	8,734 <sup>5</sup>	33,532	5,753	4,510	52,529	594
1944.....	30,985	22,525	4,149	57,659	7,777 <sup>5</sup>	18,780	5,429	10,363	42,349	3,144
1945.....	12,166	23,952	1,996	38,114	6,095 <sup>5</sup>	9,263	4,454	8,316	28,728	7,109
1946.....	2,277	18,879	1,641	22,797	5,514 <sup>5</sup>	5,232	4,897	4,235	19,878	573
1947 <sup>5</sup> .....	2,346	25,975	41	28,362	5,644 <sup>5</sup>	5,038	4,968	6,723	22,373	2,642

<sup>1</sup> 1939-42, farm and commercial stocks, only. Beginning in 1943, the figures also include interior mill and elevator stocks.

<sup>2</sup> Estimates based on trade information related to the Census of 1939.

<sup>3</sup> Period 1942-43 to 1947-48 includes rye and flour (rye equivalent) used by military services for civilian relief abroad, estimated as follows (1,000 bu.): 435; 484; 1,398; 944; 0; and 406.

<sup>4</sup> Less than 500 bushels.

<sup>5</sup> Preliminary.

Bureau of Agricultural Economics.

TABLE 27.—Rye: Receipts graded by licensed inspectors, by grades, United States, 1937-48

Year beginning July—	No. 1	No. 2	No. 3	No. 4	Sample	Total	Percentage grading No. 2 or better
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	Percent
1937.....	4,761	16,055	7,299	840	442	29,397	71
1938.....	9,574	16,185	3,521	537	726	30,543	84
1939.....	6,780	14,288	5,818	789	711	28,386	74
1940.....	8,531	12,633	1,470	270	744	20,648	88
1941.....	8,682	16,128	9,160	3,605	1,589	39,164	63
1942.....	3,418	17,289	9,890	5,604	1,905	38,106	54
1943.....	3,218	17,591	8,962	3,012	1,584	34,367	61
1944.....	3,260	11,982	4,689	2,602	1,545	23,978	64
1945.....	6,689	15,974	3,285	811	1,129	26,888	80
1946.....	4,742	6,807	2,134	200	313	13,196	81

Production and Marketing Administration.

The quantity loaded per car varies, but carlot receipts have been converted to bushels on the basis of 1,500 bushels per car for the years 1937-43 and 1,650 bushels for the years 1944-46.

TABLE 28.—Rye futures: Volume of trading by contract markets and annual average of month-end open contracts on all markets combined, 1938-47

Year beginning July—	Volume of trading					Average open contracts
	Chicago Board of Trade	Chicago Open Board of Trade	Minneapolis Grain Exchange	Milwaukee Grain Exchange	Total	
	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels
1938.....	116.5	.8	66.8	.5	184.7	8.4
1939.....	311.0	1.4	95.6	1.3	409.3	15.3
1940.....	206.1	.8	58.2	1.1	266.2	17.1
1941.....	708.6	4.8	74.8	1.8	790.0	25.2
1942.....	1,320.2	43.1	104.6	1.8	1,469.7	39.1
1943.....	2,698.7	169.6	160.3	2.5	3,031.1	46.5
1944.....	3,631.1	254.8	89.1	3.6	3,978.6	46.7
1945.....	1,671.9	250.7	38.6	2.3	1,963.5	20.6
1946.....			.2		.2	.1
1947.....			21.1		21.1	.8

<sup>1</sup> Includes 0.1 million bushels for the Duluth Board of Trade.

<sup>2</sup> One month only.

Commodity Exchange Authority. Compiled from daily reports from exchange clearing members.

TABLE 29.—Rye futures: Highest and lowest prices per bushel, by date and future, Chicago Board of Trade, 1938-47

Year beginning July—	Highest			Lowest		
	Price	Date	Future	Price	Date	Future
	Cents			Cents		
1938.....	58	May 31.....	1939 Dec.....	39½	Sept. 6.....	1938 Sept.
1939.....	77½	Dec. 26.....	1940 May.....	37½	Aug. 30.....	1939 Sept.
1940.....	62½	June 23.....	1941 Dec.....	36½	Aug. 19.....	1940 Sept.
1941.....	98	Jan. 27.....	1942 Sept.....	51½	July 5.....	<sup>1</sup> 1941 July
1942.....	106½	June 30.....	1943 Dec.....	59½	Nov. 4.....	1942 Dec.
1943.....	134½	Jan. 7.....	1944 May.....	94½	Aug. 16.....	1943 Sept.
1944.....	159½	June 19.....	1945 July.....	88½	Sept. 7.....	1945 July
1945.....	286½	May 7.....	1946 May.....	118½	Aug. 21.....	1946 July
1946.....	( <sup>2</sup> )			( <sup>2</sup> )		
1947.....	( <sup>2</sup> )			( <sup>2</sup> )		

<sup>1</sup> Old.

<sup>2</sup> Trading suspended June 13, 1946, but resumed on July 12, 1948.

Commodity Exchange Authority. Compiled from records of the Chicago Board of Trade.

Data for 1929-37 in Agricultural Statistics, 1944, table 24. Highest and lowest prices during the period August 16, 1918, through June 30, 1948: High, \$2.86½, May future, May 7, 1945; low, \$ .26½, December future, Nov. 1 and 3, 1932.



TABLE 30.—Rice (rough): Acreage, yield per acre, and production in specified countries, averages 1930-34, and 1935-39, annual 1945-47<sup>1</sup>

Continent and country	Acreage				Yield per acre <sup>2</sup>				Production			
	Average		1945	1946 <sup>3</sup>	Average		1945	1946 <sup>3</sup>	Average		1945	1946 <sup>3</sup>
	1930-34	1935-39			1930-34	1935-39			1930-34	1935-39		
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Bushels	Bushels	Bushels	Bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
<b>North America:</b>												
Costa Rica.....	22	26	30	33	33.4	33.4	33.9	31.7	917	935	1,020	963
El Salvador.....	84	95	106	115	24.1	24.0	23.5	23.0	3,478	4,007	6,125	6,780
Honduras.....	35	50	101	105	122	27.4	25.6	21.3	3,478	4,007	6,125	6,780
Nicaragua.....	883	1,004	1,494	1,574	1,677	47.1	46.6	45.9	41,572	49,852	88,100	72,216
United States.....	35	45	75	72	28.0	31.4	28.1	30.0	935	965	1,733	1,756
Cuba.....	45	50	124	122	33.7	33.3	32.3	28.7	1,511	2,803	4,328	5,682
Trinidad.....	7	10	22	22	26.7	30.0	32.3	38.4	180	300	711	844
<b>Estimated total.....</b>	<b>1,200</b>	<b>1,430</b>	<b>2,210</b>	<b>2,290</b>	<b>2,430</b>				<b>51,320</b>	<b>63,180</b>	<b>88,500</b>	<b>94,020</b>
<b>Europe:</b>												
Bulgaria.....	18	19	22	14	43.9	54.8	31.7	35.7	791	1,041	698	500
Italy.....	360	362	245	325	94.8	103.9	81.6	80.0	34,139	37,620	20,000	28,000
Portugal.....	117	110	119	125	124.4	96.4	86.5	80.6	14,568	10,660	10,250	12,700
<b>Estimated total.....</b>	<b>540</b>	<b>560</b>	<b>470</b>	<b>560</b>	<b>600</b>				<b>51,480</b>	<b>53,160</b>	<b>34,300</b>	<b>41,280</b>
<b>U. S. S. R. (Europe and Asia):</b>	<b>328</b>	<b>334</b>		<b>335</b>	<b>32.9</b>	<b>42.3</b>			<b>10,785</b>	<b>16,225</b>		
<b>Asia:</b>												
Iran.....	560	534	470	580	40.0	37.1	38.2		22,413	18,577	20,802	22,160
India.....	316	326	470	45	50.4	67.2	55.0	66.3	15,776	12,350	12,350	1,000
Turkey.....	12,770	12,670	6,883	7,788	28.1	27.5	19.3	25.0	358,219	348,534	134,455	194,942
China.....	47,069	48,161	40,000	46,696	40.8	52.5	47.0	50.1	2,623,383	2,159,964	2,328,736	2,70,547
Formosa.....	1,609	1,616	1,362	1,435	46.8	53.0	30.1	41.1	75,340	85,704	37,925	59,015
Manchuria.....	1,472	782	951	400	31.6	40.6	41.1	37.5	14,923	31,783	39,117	15,000
French India.....	47	47	44		27.3	25.0	25.7		1,281	1,173	1,132	
French Indochina.....	13,905	14,306	9,800	9,750	20.8	22.4	22.4	21.5	281,497	319,910	220,000	235,000
India.....	70,288	72,707	80,733	81,810	26.7	28.2	24.7	21.5	1,963,645	1,964,819	2,000,000	2,000,000
Japan.....	7,112	5,833	5,830	5,717	51.0	51.0	45.4	41.9	363,467	358,763	317,327	317,327
Malaya Union.....	7,740	7,746	7,717	8,707	34.2	36.3	26.1	26.1	265,333	277,089	185,650	207,042
Netherlands Indies <sup>4</sup> .....	9,140	9,794	7,770	8,850	30.3	32.0	30.5	31.5	275,935	313,144	200,000	200,000
Philippine Islands.....	4,643	4,852	4,346	4,816	22.6	22.6	22.4	22.4	105,025	104,877	88,380	113,485
Siam.....	7,141	7,088	4,890	5,500	30.1	30.1	24.5	26.3	231,402	213,079	130,000	230,000
<b>Estimated total.....</b>	<b>190,830</b>	<b>196,900</b>	<b>188,620</b>	<b>192,030</b>	<b>165,360</b>				<b>6,806,560</b>	<b>7,124,960</b>	<b>5,997,570</b>	<b>6,539,900</b>



TABLE 31.—Rice, rough: Acreage, production, and value, United States, 1929-47

Year	Acreage harvested	Yield per acre	Production	Season average price per bushel received by farmers	Farm value
	1,000 acres	Bushels	1,000 bushels	Cents	1,000 dollars
1929.....	860	46.0	39,534	99.8	39,474
1930.....	966	46.5	44,929	78.4	35,214
1931.....	965	46.2	44,613	48.5	21,642
1932.....	874	47.6	41,619	41.8	17,416
1933.....	798	47.2	37,651	77.7	29,248
1934.....	812	48.1	39,047	79.0	30,854
1935.....	817	48.3	39,452	72.2	28,469
1936.....	981	50.8	49,820	83.4	41,567
1937.....	1,099	48.6	53,422	65.8	35,168
1938.....	1,076	48.8	52,506	64.0	33,630
1939.....	1,046	51.7	54,062	72.8	39,348
1940.....	1,069	50.9	54,433	81.2	44,208
1941.....	1,214	42.3	51,323	136.0	69,660
1942.....	1,457	44.4	64,627	163.0	105,082
1943.....	1,472	44.2	65,031	178.0	116,024
1944.....	1,480	46.5	68,830	177.0	121,573
1945.....	1,494	45.6	68,150	179.0	122,190
1946.....	1,574	45.9	72,216	225.0	162,726
1947 <sup>1</sup> .....	1,677	47.3	79,345	275.0	218,523

<sup>1</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1899-1928 in Agricultural Statistics, 1942, table 42.

TABLE 32.—Rice, rough: Acreage, production, and season average price per bushel received by farmers, by States, average 1936-45, annual 1946 and 1947

State	Acreage planted			Acreage harvested			Production			Price for crop of—		
	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 bu.	1,000 bu.	1,000 bu.	Cents	Cents	Cents
Arkansas.....	223	327	360	220	320	355	11,118	14,240	16,330	116	227	260
Louisiana.....	539	592	616	535	589	613	21,243	22,676	21,455	122	231	270
Texas.....	322	412	474	315	412	474	14,877	17,716	23,700	128	226	295
California.....	174	255	237	169	253	235	10,982	17,584	17,860	110	216	270
United States.....	1,259	1,586	1,687	1,239	1,574	1,677	58,220	72,216	79,345	120	225	275

<sup>1</sup> Preliminary.

Bureau of Agricultural Economics.

TABLE 33.—*Rice, rough: Supply and distribution, United States, 1937-46*

Year <sup>1</sup>	Beginning stocks <sup>2</sup>	Production	Total supply	Domestic disappearance				Exports and shipments	Total disappearance	Ending stocks <sup>2</sup>	Balancing item
				Seed	Feed	Food <sup>3</sup>	Milled <sup>4</sup>				
	1,000 barrels <sup>5</sup>	1,000 barrels <sup>5</sup>	1,000 barrels <sup>5</sup>	1,000 barrels <sup>5</sup>	1,000 barrels <sup>5</sup>	1,000 barrels <sup>5</sup>	1,000 barrels <sup>5</sup>	1,000 barrels <sup>5</sup>	1,000 barrels <sup>5</sup>	1,000 barrels <sup>5</sup>	1,000 barrels <sup>5</sup>
1937.....	494	14,839	15,333	706	357	173	13,398	150	14,784	701	-152
1938.....	701	14,585	15,286	691	196	173	13,704	151	14,915	710	-339
1939.....	710	15,017	15,727	721	211	174	13,851	113	15,070	1,044	-387
1940.....	1,044	15,120	16,164	835	224	172	14,122	262	15,615	464	85
1941.....	464	14,256	14,720	1,012	189	172	13,491	63	14,927	47	-254
1942.....	47	17,952	17,999	1,031	184	200	15,725	478	17,618	254	127
1943.....	254	18,064	18,318	991	198	272	15,557	290	17,308	102	908
1944.....	102	19,119	19,221	1,009	188	269	16,475	302	18,243	361	617
1945.....	361	18,931	19,292	1,071	189	400	17,018	275	18,953	329	10
1946.....	329	19,823	20,152	1,141	153	500	17,823	244	19,861	85	206

<sup>1</sup> Crop year beginning Aug. 1 in Southern States and Oct. 1 in California.<sup>2</sup> Stocks on farms, in country warehouses, and in mills.<sup>3</sup> Used for food on farms where grown and for custom milling for local use.<sup>4</sup> Milled by commercial mills.<sup>5</sup> A barrel is equivalent to 162 pounds.

Production and Marketing Administration.

TABLE 34.—*Rice, rough: Supply and distribution, southern crop, 1941-46*

Item	Year beginning Aug. 1—					
	1941	1942	1943	1944	1945	1946
<b>SUPPLY</b>						
Stocks, Aug. 1:	1,000 barrels <sup>1</sup>	1,000 barrels <sup>1</sup>	1,000 barrels <sup>1</sup>	1,000 barrels <sup>1</sup>	1,000 barrels <sup>1</sup>	1,000 barrels <sup>1</sup>
On farms and in country warehouses.....	131	25	30	41	267	156
In mills.....	121	16	118	38	85	158
Total.....	252	41	148	79	352	314
Production.....	11,919	14,444	14,020	14,953	15,065	15,176
Received from California.....	25	1	52	5	2	3
Total supply.....	12,196	14,486	14,220	15,037	15,419	15,493
<b>DISTRIBUTION</b>						
Seed for new crop.....	804	829	794	794	852	938
For local food use <sup>2</sup> .....	172	200	272	269	400	500
For feed on farms.....	147	162	167	150	156	107
Milled by commercial mills.....	11,221	12,716	11,877	12,636	13,492	13,335
Exports (rough).....	35	260	194	238	195	151
Stocks, July 31.....	41	148	79	352	314	65
Total accounted for.....	12,420	14,315	13,383	14,439	15,409	15,096
Balancing item.....	-224	171	837	598	10	397

<sup>1</sup> A barrel is equivalent to 162 pounds.<sup>2</sup> Includes rice used by huller mills.

Production and Marketing Administration.

TABLE 35.—Rice, rough: Supply and distribution, California crop, 1941-46

Item	Year beginning Oct. 1—					
	1941	1942	1943	1944	1945	1946
<b>SUPPLY</b>						
Stocks, Oct. 1:	1,000 bags <sup>1</sup>	1,000 bags <sup>1</sup>	1,000 bags <sup>1</sup>	1,000 bags <sup>1</sup>	1,000 bags <sup>1</sup>	1,000 bags <sup>1</sup>
In country warehouses and transit	200	8	98	20	9	20
In mills	142	2	75	17	7	4
Total	342	10	173	37	16	24
Production	3,787	5,682	6,552	6,750	6,262	7,913
Total supply	4,129	5,692	6,725	6,787	6,278	7,937
<b>DISTRIBUTION</b>						
Seed for new crop	297	332	344	349	349	332
Feed and waste	75	35	50	50	50	50
Shipments to southern mills	42	1	84	5	4	5
Milled by commercial mills	3,678	4,875	5,962	6,218	5,713	7,271
Exports and shipments to Territories (rough)	46	333	155	104	129	150
Stocks, Sept. 30	10	173	37	16	24	32
Total accounted for	4,148	5,769	6,632	6,742	6,269	7,840
Balancing item	-19	-77	93	45	9	97

<sup>1</sup> A bag is equivalent to 100 pounds.

Production and Marketing Administration.

TABLE 36.—Rice, milled (heads, second heads, and screenings): Supply and distribution, United States, 1937-46

Year <sup>1</sup>	Mill stocks, beginning of season	Production	Total supply	Exports	Shipments to Territories	Disappearance within the United States	Mill stocks, end of season
	1,000 bags <sup>2</sup>	1,000 bags <sup>2</sup>	1,000 bags <sup>2</sup>	1,000 bags <sup>2</sup>	1,000 bags <sup>2</sup>	1,000 bags <sup>2</sup>	1,000 bags <sup>2</sup>
1937	1,210	13,765	14,975	2,898	3,389	7,857	831
1938	831	14,324	15,155	3,175	3,018	7,355	1,607
1939	1,607	14,168	15,775	3,002	3,161	7,994	1,628
1940	1,628	14,552	16,180	3,731	3,314	7,921	1,214
1941	1,214	13,835	15,049	4,300	2,940	7,645	164
1942	164	16,552	16,716	4,113	2,629	8,964	1,310
1943	<sup>3</sup> 1,310	16,778	18,088	4,981	3,351	<sup>4</sup> 8,260	1,496
1944	<sup>3</sup> 1,496	17,615	19,111	4,528	2,969	<sup>4</sup> 11,398	216
1945	216	18,379	18,595	6,879	2,869	8,723	124
1946	124	19,450	19,574	8,289	2,934	8,252	99

<sup>1</sup> Crop year beginning Aug. 1 in Southern States and Oct. 1 in California.<sup>2</sup> A bag is equivalent to 100 pounds.<sup>3</sup> Includes stocks held by the War Food Administration.<sup>4</sup> Includes shipments to the armed forces.

Production and Marketing Administration.

TABLE 37.—Rice, milled (heads, second heads, and screenings): Supply and distribution, southern crop, 1937-46

Year beginning August—	Mill stocks, Aug. 1	Production	Total supply	Exports	Shipments to Territories	Disappearance within the United States	Stocks, July 31
	1,000 bags <sup>1</sup>	1,000 bags <sup>1</sup>	1,000 bags <sup>1</sup>	1,000 bags <sup>1</sup>	1,000 bags <sup>1</sup>	1,000 bags <sup>1</sup>	1,000 bags <sup>1</sup>
1937.....	1,072	12,036	13,108	2,815	2,116	7,482	695
1938.....	685	12,036	13,091	3,106	1,742	6,922	1,321
1939.....	1,321	12,458	13,779	2,951	2,195	7,229	1,404
1940.....	1,404	12,507	13,911	3,511	2,022	7,413	985
1941.....	965	11,641	12,606	4,194	1,381	6,937	94
1942.....	94	13,428	13,522	2,965	1,772	7,887	898
1943.....	<sup>2</sup> 898	12,827	13,725	3,998	2,771	6,082	<sup>3</sup> 874
1944.....	<sup>2</sup> 874	13,507	14,381	4,204	2,108	<sup>3</sup> 7,945	<sup>3</sup> 124
1945.....	<sup>2</sup> 124	14,632	14,756	6,163	1,559	7,021	13
1946.....	13	14,532	14,545	7,254	1,108	6,099	84

<sup>1</sup> A bag is equivalent to 100 pounds.<sup>2</sup> Includes stocks held by War Food Administration or Commodity Credit Corporation.<sup>3</sup> Includes shipments to the armed forces.

Production and Marketing Administration.

TABLE 38.—Rice, milled, heads only: Supply and distribution, California crop, 1937-46

Year beginning October —	Stocks Oct. 1	Production	Total supply	Exports	Shipments to Hawaii and Puerto Rico <sup>1</sup>	Disappearance within the United States	Stocks, Sept. 30
	1,000 bags <sup>2</sup>	1,000 bags <sup>2</sup>	1,000 bags <sup>2</sup>	1,000 bags <sup>2</sup>	1,000 bags <sup>2</sup>	1,000 bags <sup>2</sup>	1,000 bags <sup>2</sup>
1937.....	31	1,649	1,680	83	1,273	260	64
1938.....	64	1,850	1,914	69	1,276	338	231
1939.....	231	1,532	1,763	51	966	656	90
1940.....	90	1,937	2,027	220	1,292	293	222
1941.....	222	1,989	2,211	106	1,559	510	36
1942.....	36	2,832	2,918	1,148	857	514	<sup>3</sup> 399
1943.....	<sup>2</sup> 399	3,385	3,784	983	580	<sup>4</sup> 1,621	<sup>3</sup> 600
1944.....	<sup>2</sup> 600	3,429	4,029	324	861	<sup>4</sup> 2,755	8
1945.....	89	3,088	3,177	716	1,310	<sup>4</sup> 1,068	83
1946.....	83	4,204	4,287	1,035	1,825	1,421	6

<sup>1</sup> Data from San Francisco Harbor Commission.<sup>2</sup> A bag is equivalent to 100 pounds.<sup>3</sup> Includes stocks held by the War Food Administration.<sup>4</sup> Includes shipments to the armed forces.

Production and Marketing Administration.

TABLE 39.—Rice, milled No. 1 <sup>1</sup>: Average wholesale price per 100 pounds, 1937-46

Year beginning August—	Blue Rose					Early Prolific					Rexoro			California Pearl
	New Orleans	Houston	New York	Stuttgart, Ark.	San Francisco	New Orleans	Houston	New York	Stuttgart, Ark.	San Francisco	New Orleans	Houston	New York	San Francisco
	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.
1937.....	3.08	3.07	3.47	3.01	3.66	2.84	2.74	3.10	2.67	3.33	5.13	5.02	5.37	-----
1938.....	2.91	2.84	3.38	2.89	3.62	2.71	2.65	3.17	2.53	3.28	4.19	4.09	4.71	3.14
1939.....	3.30	3.26	3.74	3.33	4.19	3.08	3.04	3.46	3.03	3.74	3.85	3.67	4.06	3.70
1940.....	3.93	4.00	4.40	4.03	4.57	3.66	3.71	4.07	3.66	4.17	5.21	5.18	5.64	3.84
1941.....	6.16	6.22	6.88	6.18	6.77	5.84	5.85	6.56	5.74	6.32	8.90	8.84	9.43	6.06
1942.....	6.58	6.56	7.50	6.51	-----	6.29	6.26	7.23	6.20	-----	8.42	8.38	9.34	6.51
1943.....	6.60	6.50	7.45	6.50	-----	6.30	6.20	7.20	6.20	-----	8.35	8.25	9.25	6.62
1944.....	6.60	6.50	7.45	6.50	-----	6.30	6.20	7.20	6.20	-----	8.35	8.25	9.25	6.59
1945.....	7.17	7.05	8.15	7.05	-----	6.85	6.75	7.90	6.85	-----	9.03	8.95	9.90	7.15
1946.....	8.91	8.81	9.91	8.81	-----	8.43	8.33	9.43	8.33	-----	10.72	10.62	11.72	9.33

<sup>1</sup> Same as "Extra Fancy" shown in previous editions of this table.

Production and Marketing Administration.

TABLE 40.—Rice, in terms of milled: International trade, average 1936-40, annual 1946 and 1947

Continent and country	Average 1936-40		1946 <sup>1</sup>		1947 <sup>1</sup>	
	Exports	Imports	Exports	Imports	Exports	Imports
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
<b>North America:</b>						
Canada.....	2,525	50,958	3	26,018	6	38,441
Mexico.....	18,555	347	3	3,293	<sup>2</sup> 22,000	4,460
Nicaragua.....	150	518	11,228	8,023	8,023	610
United States.....	235,206	20,534	772,592	3,483	978,375	<sup>4</sup> 55,000
British West Indies.....	<sup>3</sup> 471	118,074		<sup>4</sup> 70,000	1	620,639
Cuba.....	60	444,612	1,426	336,464		
<b>Total <sup>4</sup></b> .....	<b>259,775</b>	<b>690,821</b>	<b>799,920</b>	<b>458,360</b>	<b>1,027,648</b>	<b>758,985</b>
<b>Europe:</b>						
Austria.....	<sup>5</sup> 5	<sup>6</sup> 62,366				1,127
Belgium.....	29,249	140,798				<sup>4</sup> 35,000
Czechoslovakia.....	3	84,898				<sup>4</sup> 4,000
France.....	31,120	1,239,561	6	10,478	136	24,778
Germany.....	38,286	483,566		507		23,589
Greece.....	0	83,719		0	0	0
Hungary.....	0	43,438	0	0	0	0
Italy.....	335,639	1,400	331	0	1,210	1,653
Netherlands.....	187,911	378,363	0	0		4,500
Poland.....	20,315	92,923	0	1,638		
Portugal.....	186	16,641	97	6,997		11,455
Spain.....	<sup>5</sup> 11,695	<sup>8</sup> 81,733	14,291	75		6,614
Sweden.....	109	33,374	0	52	0	11
Switzerland.....	14	85,594	2	178	( <sup>9</sup> )	20,942
United Kingdom.....	12,202	311,174		16,585		10,383
Yugoslavia.....	<sup>1</sup> 153	47,168		180		
<b>Total <sup>4</sup></b> .....	<b>671,768</b>	<b>3,264,764</b>	<b>14,827</b>	<b>41,303</b>	<b>13,346</b>	<b>154,558</b>
<b>Asia:</b>						
Iran <sup>7</sup> .....	64,120	1,252	134,781	179	125,000	
Palestine.....	2,381	41,020				
Syria and Lebanon.....	18	37,040		9,684		
British Borneo.....		<sup>1</sup> 128,806				<sup>4</sup> 70,000
Burma.....	6,535,742		959,241		1,760,920	
Ceylon.....	7	1,219,294	1,098	568,284	1,214	581,062
China.....	26,840	870,994	1,559	<sup>4</sup> 460,000		673,020
Manchuria.....	<sup>10</sup> 10,485	<sup>8</sup> 178,904		0		<sup>8</sup> 880,000
Formosa <sup>8</sup> .....	1,426,661	8,321	0		148,429	
French Indochina.....	3,232,998	11,519	216,827			<sup>4</sup> 200,000
Hong Kong.....	602,314	1,075,402	0	182,000		<sup>11</sup> 1,121,857
India <sup>9</sup> .....	622,218	3,726,688		<sup>6</sup> 630,000		6,614
Japan <sup>12</sup> .....	231,632	4,122,395	0	35,024	0	
Foreign.....		(594,735)				
From colonies <sup>1</sup> .....		(3,527,660)				
Korea <sup>8</sup> .....	2,367,393	72,735	0	0	0	89,313
Malayan Union.....	369,852	1,746,239	4,422	<sup>5</sup> 540,000	3,554	536,394
Netherlands Indies.....	73,737	499,118				215,605
Philippine Islands.....	1,316	130,886		258,236		159,895
Siam.....	2,920,437		983,913		846,720	
<b>Total <sup>4</sup></b> .....	<b>18,543,276</b>	<b>13,993,564</b>	<b>2,330,841</b>	<b>3,081,338</b>	<b>3,772,827</b>	<b>4,692,260</b>
<b>South America:</b>						
Argentina.....	467	52,286	8,638			<sup>5</sup> 15,000
Bolivia.....	0	18,371		25,079		
Brazil.....	83,335	0	335,212		545,720	
British Guiana.....	34,296	5	50,671		44,943	
Chile.....	3	24,107	78,497		5,954	
Colombia.....	3	29,014	14,173			
Ecuador.....	25,685		129,769		136,659	
Peru.....	51	44,742	0	6,702		
Venezuela.....	0	32,924				33,069
<b>Total <sup>4</sup></b> .....	<b>158,269</b>	<b>205,267</b>	<b>628,510</b>	<b>58,782</b>	<b>734,776</b>	<b>48,982</b>

See footnotes at end of table.



TABLE 40.—Rice, in terms of milled: International trade, average 1936-40, annual 1946 and 1947—Continued

Continent and country	Average 1936-40		1946 <sup>1</sup>		1947 <sup>1</sup>	
	Exports	Imports	Exports	Imports	Exports	Imports
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Africa:						
Algeria.....	4,918	65,224		4,435		
Belgian Congo.....	3,132	611	13,316		7,238	
Kenya and Uganda.....	827	24,536	147	38		
Tanganyika.....	980	21,805	157	45	4,800	
Egypt.....	276,601	4,150	<sup>12</sup> 321,693		361,490	1
French West Africa.....	534	180,336		324		65,871
Gold Coast.....	8	24,942	784	0		
Madagascar.....	15,942	3,848	11,971		2,645	3,307
Mauritius.....	34	123,091				
Nigeria.....		21,376	1,150	117		
Reunion.....		67,465		23,596		19,246
Tunisia.....		45,418		11		
Union of South Africa.....	0	139,021		31,215		
Total <sup>2</sup> .....	318,631	928,416	364,438	156,992	386,744	226,994
Oceania: Australia <sup>14</sup> .....	29,025	5,268	55,940	2	60,000	( <sup>6</sup> )
Total <sup>2</sup> .....	29,285	101,077	55,950	43,970	60,000	48,583
Estimated world total.....	19,983,407	19,278,209	4,194,000	3,911,000	<sup>15</sup> 5,995,000	6,031,000

<sup>1</sup> Preliminary.<sup>2</sup> Estimated on basis of import data of importing countries.<sup>3</sup> Less than 5-year average.<sup>4</sup> Estimated on basis of export data from exporting countries.<sup>5</sup> Including countries not shown.<sup>6</sup> Less than 500 pounds.<sup>7</sup> March 21-March 20 year.<sup>8</sup> Shipments to Japan from the prewar Japanese colonies, Formosa and Korea, comprised the principal rice trade of the three lands.<sup>9</sup> Estimated exportable surplus.<sup>10</sup> April-March through 1940-41.<sup>11</sup> Unofficial. India, including Pakistan to August 15, 1947.<sup>12</sup> November-October through 1939-40.<sup>13</sup> November-October 1945-46.<sup>14</sup> Year beginning July 1.<sup>15</sup> Due to incomplete reporting in exporting countries, reported imports exceed exports.

Office of Foreign Agricultural Relations. Prepared on the basis of official statistics of foreign governments and reports of United States foreign service officers. Includes milled, broken, semi-milled unconverted, and rough rice in terms of milled. For countries of Asia and Africa, rough rice is converted to terms of milled at 70 percent, and for other countries at 65 percent.

TABLE 41.—Buckwheat: Acreage, production, value, and foreign trade, United States, 1929-47

Year	Acreage seeded	Acreage harvested	Yield per harvested acre	Production	Season average price per bushel received by farmers	Farm value	Foreign trade, including flour, year beginning September <sup>1</sup>		
							Domestic exports	Imports	Net exports
	1,000 acres	1,000 acres	Bushels	1,000 bushels	Cents	1,000 dollars	1,000 bushels	1,000 bushels	1,000 bushels
1929.....	671	622	13.4	8,539	96.2	8,380	21	<sup>2</sup> 89	<sup>3</sup> 68
1929.....	671	629	13.8	8,710	96.2	8,380	21	<sup>2</sup> 89	<sup>3</sup> 68
1930.....	635	574	12.1	6,967	78.8	5,493	115	.....	115
1931.....	538	507	17.6	8,910	42.3	3,767	510	.....	510
1932.....	476	454	14.8	6,727	43.4	2,917	16	.....	16
1933.....	487	460	17.0	7,816	55.8	4,359	54	.....	54
1934.....	510	475	18.9	8,994	58.5	5,257	43	.....	43
1935.....	524	505	16.8	8,488	54.8	4,653	1	<sup>4</sup> 25	<sup>5</sup> 24
1936.....	417	379	17.0	6,440	85.1	5,481	2	140	<sup>3</sup> 138
1937.....	442	421	16.2	6,808	66.7	4,539	399	2	397
1938.....	466	448	15.1	6,763	53.9	3,647	324	2	322
1939.....	391	391	16.6	6,589	.....	.....	.....	.....	.....
1939.....	401	370	15.5	5,736	62.2	3,566	442	( <sup>6</sup> )	442
1940.....	420	388	16.7	6,476	53.8	3,482	17	5	12
1941.....	355	337	17.9	6,038	67.4	4,072	( <sup>6</sup> )	10	<sup>3</sup> 10
1942.....	403	375	17.7	6,636	84.6	5,613	6	42	<sup>3</sup> 36
1943.....	528	505	17.5	8,830	126.0	11,113	( <sup>6</sup> )	4	<sup>3</sup> 4
1944.....	539	515	17.8	9,166	101.0	9,290	27	( <sup>6</sup> )	27
1945.....	487	409	16.2	6,644	119.0	7,875	28	( <sup>6</sup> )	28
1946.....	416	391	18.2	7,124	148.0	10,517	290	( <sup>6</sup> )	290
1947 <sup>6</sup> .....	559	518	14.2	7,334	192.0	14,081	.....	.....	.....

<sup>1</sup> Compiled from Monthly Summary of Foreign Commerce of the United States and official records of the Department of Commerce. Buckwheat, general imports 1929; imports for consumption, 1935 to date. Buckwheat flour converted to terms of grain on the basis that 1 barrel of flour is the product of 7 bushels of grain.

<sup>2</sup> September-December 1929: not separately reported until 1935.

<sup>3</sup> Net imports.

<sup>4</sup> Imports for consumption beginning 1935.

<sup>5</sup> Less than 500 bushels.

<sup>6</sup> Preliminary.

Bureau of Agricultural Economics. Italic figures are census returns. Data for 1899-1928 in Agricultural Statistics, 1942, table 58.

TABLE 42.—*Buckwheat: Acreage, production, and season average price per bushel received by farmers, by States, average 1936-45, annual 1946 and 1947*

State and division	Acreage seeded			Acreage harvested			Production			Price for crop of—		
	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 bu.	1,000 bu.	1,000 bu.	Cents	Cents	Cents
Maine.....	8	6	8	8	6	8	117	120	136	99	179	225
Vermont.....	1	1	1	1	1	1	21	22	14	99	173	215
New York.....	141	119	123	134	113	113	2,289	2,147	1,526	83	146	205
Pennsylvania.....	132	118	135	123	114	125	2,299	2,394	1,938	82	145	190
North Atlantic.....	282	244	267	266	234	247	4,732	4,683	3,614	82.7	146	198
Ohio.....	16	17	44	15	17	42	258	340	651	82	151	187
Indiana.....	11	7	19	11	6	18	146	90	252	80	142	185
Illinois.....	6	5	16	5	5	16	78	80	208	82	149	188
Michigan.....	33	24	63	26	18	57	401	243	741	77	146	190
Wisconsin.....	16	21	24	15	19	22	220	266	330	80	155	192
Minnesota.....	30	48	62	27	42	54	365	588	648	71	140	185
Iowa.....	4	3	10	4	3	10	60	45	120	79	150	186
Missouri.....	1	1	2	1	1	2	12	11	22	82	150	195
North Dakota.....	7	6	8	5	6	7	52	78	105	73	144	185
South Dakota.....	4	5	9	3	5	8	31	70	88	65	143	185
North Central.....	127	137	257	112	122	236	1,621	1,811	3,165	76.6	146	188
Maryland.....	5	5	5	5	5	5	104	118	78	85	161	175
Virginia.....	8	6	6	8	6	6	126	105	96	94	156	180
West Virginia.....	13	8	8	13	8	8	231	152	140	94	154	185
North Carolina.....	4	3	3	4	3	3	65	48	51	96	184	187
South Atlantic.....	31	22	22	31	22	22	530	423	365	92.5	160	182
Kentucky.....	2	3	2	2	3	2	24	42	30	93	152	180
Tennessee.....	3	10	11	3	10	11	46	165	160	96	165	175
South Central.....	5	13	13	5	13	13	70	207	190	95.3	162	176
United States.....	446	416	559	415	391	518	6,954	7,124	7,334	82.0	148	192

<sup>1</sup> Preliminary.

Bureau of Agricultural Economics.

TABLE 43.—*Buckwheat: Production and farm disposition, United States, 1938-47*

Crop of—	Pro- duction	Used for seed		Fed to live- stock	Ground at mill for home use or ex- changed for flour	Sold	Crop of—	Pro- duction	Used for seed		Fed to live- stock	Ground at mill for home use or ex- changed for flour	Sold
		Total	On farms where grown						Total	On farms where grown			
	1,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.		1,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.
1938.....	6,763	397	267	3,724	249	2,523	1943.....	8,830	564	349	5,544	147	2,790
1939.....	5,736	412	242	3,193	185	2,116	1944.....	9,166	505	328	5,823	112	2,903
1940.....	6,476	358	242	3,873	172	2,189	1945.....	6,644	438	295	4,160	92	2,097
1941.....	6,038	403	229	3,881	125	1,803	1946.....	7,124	578	332	4,229	91	2,472
1942.....	6,636	552	270	3,920	133	2,313	1947 <sup>1</sup> .....	7,334	463	319	4,096	98	2,821

<sup>1</sup> Preliminary.

Bureau of Agricultural Economics. Disposition of the crop specified and not disposition within the marketing year. Estimates of farm disposition represent portions of the crop used or to be used for the designated purposes on farms where produced and do not include purchases by farmers from others for such purposes.

TABLE 44.—Buckwheat: Production and farm disposition, by States, crops of 1946 and 1947<sup>1</sup>

State	Crop of 1946						Crop of 1947 <sup>1</sup>					
	Pro- duction	Used for seed		Fed to live- stock	Ground at mill for home use or ex- changed for flour	Sold	Pro- duction	Used for seed		Fed to live- stock	Ground at mill for home use or ex- changed for flour	Sold
		Total	On farms where grown					Total	On farms where grown			
	1,000 bu.	10,000 bu.	10,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.
Maine.....	120	14	9	46	35	30	136	12	8	55	36	37
Vermont.....	22	1	1	16	1	4	14	1	1	9	1	3
New York.....	2,147	123	86	1,280	8	773	1,526	111	78	832	6	610
Pennsylvania.....	2,364	162	113	1,596	15	670	1,938	148	110	1,301	23	504
Ohio.....	340	48	14	222	2	102	651	20	12	363	3	273
Indiana.....	90	17	8	46	-----	36	252	9	6	95	-----	181
Illinois.....	80	16	5	47	-----	28	208	5	4	121	-----	83
Michigan.....	243	50	10	115	1	117	741	19	11	335	2	393
Wisconsin.....	266	24	16	143	1	106	330	21	14	183	1	132
Minnesota.....	588	56	28	147	1	412	648	58	34	224	1	389
Iowa.....	45	9	4	32	-----	9	120	3	2	76	-----	42
Missouri.....	11	2	1	8	-----	2	22	1	-----	11	-----	11
North Dakota.....	78	7	4	27	-----	47	105	7	4	38	-----	63
South Dakota.....	70	9	4	31	-----	35	88	9	5	43	-----	40
Maryland.....	118	6	5	77	6	30	78	6	5	48	5	26
Virginia.....	105	7	5	85	5	10	96	7	5	77	4	10
West Virginia.....	182	11	8	119	10	15	140	11	8	105	10	17
North Carolina.....	48	3	2	38	3	5	51	3	2	41	3	5
Kentucky.....	42	2	1	32	1	8	30	3	2	21	1	6
Tennessee.....	165	11	8	122	2	33	160	11	8	118	2	32
United States..	7,124	578	332	4,229	91	2,472	7,334	463	319	4,096	98	2,821

<sup>1</sup> Preliminary.

Bureau of Agricultural Economics. Disposition of the crop specified and not disposition within the marketing year. Estimates of farm disposition represent portions of the crop used or to be used for the designated purposes on farms where produced and do not include purchases by farmers from others for such purposes.

TABLE 45.—Corn: Acreage, production, value, and foreign trade, United States, 1929-47

Year	Acreage planted	Acreage harvested	Yield per harvested acre, all corn <sup>1</sup>	Production		Season average price per bushel received by farmers	Farm value	Average price per bushel at Chicago, year beginning October <sup>2</sup>	Foreign trade, including meal, year beginning October <sup>3</sup>		
				All corn <sup>1</sup>	Harvested as grain				Domestic exports	Imports	Net exports <sup>4</sup>
	1,000 acres	1,000 acres	Bushels	1,000 bushels	1,000 bushels	Cents	1,000 dollars	Cents	1,000 bushels	1,000 bushels	1,000 bushels
1929	90,130	87,741	\$ 25.6	2,515,937	2,130,752	79.9	2,010,201	84	8,963	846	8,119
1930	103,915	101,465	20.5	2,080,130	1,757,297	59.8	1,244,318	62	3,119	1,386	1,733
1931	109,364	106,866	24.1	2,575,927	2,220,903	32.1	826,438	36	4,436	377	4,058
1932	113,024	110,577	26.5	2,930,352	2,578,685	31.6	926,700	34	8,886	173	8,713
1933	109,830	105,918	22.6	2,397,593	2,104,725	52.0	1,246,777	50	4,812	883	3,929
1934	100,563	92,193	\$ 18.8	1,648,920	1,146,734	81.5	1,181,479	86	1,143	36,955	35,812
1935	99,974	95,974	24.0	2,299,363	2,001,367	65.5	1,506,281	74	867	21,096	20,229
1936	101,959	93,154	16.2	1,505,689	1,258,673	104.4	1,571,859	121	432	103,670	103,238
1937	97,174	93,930	28.1	2,642,978	2,349,425	51.8	1,368,474	57	139,893	1,819	138,074
1938	94,473	92,160	27.7	2,548,753	2,300,095	48.6	1,239,619	48	34,360	442	33,927
1939	91,639	88,279	\$ 29.9	2,580,985	2,341,602	56.8	1,465,117	54	44,284	1,110	43,174
1940	88,692	86,429	28.4	2,457,146	2,206,882	61.8	1,518,719	67	14,849	1,269	13,580
1941	86,837	85,357	31.1	2,651,889	2,414,445	75.1	1,901,103	79	19,998	565	19,433
1942	88,818	87,367	35.1	3,068,562	2,801,819	91.7	2,813,772	91	5,176	407	4,769
1943	94,341	92,060	32.2	2,965,980	2,668,490	112.0	3,328,496	114	10,269	3,688	6,581
1944	95,475	94,014	\$ 30.8	3,088,110	2,801,993	109.0	3,353,386	115	17,128	6,065	11,063
1945	89,727	88,079	32.7	2,880,933	2,593,752	127.0	3,670,557	194	15,884	595	15,289
1946	89,788	88,489	36.7	3,249,950	2,951,147	156.0	5,081,927	180	90,072	560	
1947 <sup>5</sup>	86,168	83,981	28.6	2,400,952	2,153,326	226.0	5,432,785	233			

<sup>1</sup> Yield and production represent equivalent grain yield on total acres harvested for all purposes, i.e., grain, silage, fodder, hogged off, grazed, etc.

<sup>2</sup> Compiled from the Chicago Daily Trade Bulletin through May 1942; Chicago Journal of Commerce beginning June 1942; average of daily prices weighted by carlot sales, No. 3 yellow.

<sup>3</sup> Compiled from Monthly Summary of Foreign Commerce of the United States, and official records of the Department of Commerce. Corn—general imports 1929-32; imports for consumption beginning 1933. Corn meal—imports and reexports not separately reported, 1929-32; imports reported beginning 1933. Corn meal converted to terms of grain on the basis of 4 bushels of corn to barrel of meal through December 1945; beginning Jan. 1946, 100 pounds meal is equivalent of 3.16 bushels grain. These data exclude a small amount of cracked corn imported beginning 1933.

<sup>4</sup> Total exports (domestic plus foreign) minus total imports. Beginning 1933 net exports are domestic exports minus imports for consumption.

<sup>5</sup> Yield of corn harvested for grain.

<sup>6</sup> Net imports—i.e., total imports minus total exports (domestic plus foreign). Beginning 1933 net imports are imports for consumption minus domestic exports.

<sup>7</sup> Includes an allowance for unredeemed loans at average loan value.

<sup>8</sup> Preliminary

Bureau of Agricultural Economics. Italic figures are census returns. Data for 1899-1928 in Agricultural Statistics, 1942, table 62.

TABLE 46.—Corn, all: Acreage, production, and season average price per bushel received by farmers, by States, average 1936-45, annual 1946 and 1947

State and division	Acreage planted			Acreage harvested			Production			Price for crop of—		
	Average			Average			Average			Average		
	1936-45	1946	1947 <sup>1</sup>	1936-45	1946	1947 <sup>1</sup>	1936-45	1946	1947 <sup>1</sup>	1936-45	1946	1947 <sup>1</sup>
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 bushels	1,000 bushels	1,000 bushels	Cents	Cents	Cents
Maine.....	14	11	10	14	11	10	537	407	400	103	199	275
New Hampshire.....	14	13	12	14	13	12	578	533	528	105	199	270
Vermont.....	68	58	48	68	58	48	2,608	2,320	1,920	105	199	270
Massachusetts.....	42	38	37	41	38	37	1,705	1,748	1,702	106	201	270
Rhode Island.....	9	8	8	9	8	8	330	312	352	106	201	270
Connecticut.....	49	50	48	49	50	48	1,966	2,200	2,304	106	201	270
New York.....	679	689	684	672	683	622	23,748	26,637	20,215	100	167	245
New Jersey.....	183	190	181	192	189	180	7,291	8,505	7,740	102	176	245
Pennsylvania.....	1,342	1,397	1,369	1,332	1,380	1,352	53,974	59,340	57,460	100	180	240
North Atlantic.....	2,409	2,454	2,347	2,391	2,430	2,317	92,736	102,002	92,621	101	178	244
Ohio.....	3,493	3,671	3,414	3,460	3,641	3,386	157,149	178,409	138,826	84	156	225
Indiana.....	4,297	4,600	4,467	4,269	4,582	4,445	186,906	233,682	191,135	81	149	220
Illinois.....	8,417	8,945	8,802	8,349	8,873	8,696	380,023	505,761	343,492	81	151	229
Michigan.....	1,622	1,830	1,630	1,609	1,804	1,606	55,526	50,512	44,165	87	170	235
Wisconsin.....	2,421	2,571	2,545	2,400	2,545	2,520	91,368	111,980	105,840	86	164	225
Minnesota.....	4,956	5,514	5,349	4,886	5,452	5,234	185,498	239,888	191,041	73	140	220
Iowa.....	10,280	11,172	10,877	10,178	11,134	10,355	451,458	634,638	331,360	78	153	232
Missouri.....	4,496	4,466	4,377	4,328	4,415	4,018	118,154	163,355	98,441	86	151	240
North Dakota.....	1,161	1,245	1,220	1,064	1,213	1,189	21,260	26,080	24,374	68	128	215
South Dakota.....	3,573	4,097	4,097	3,140	4,010	3,970	64,525	120,300	75,430	74	141	220
Nebraska.....	7,986	8,062	7,578	7,528	7,978	7,340	153,843	231,362	143,130	79	151	225
Kansas.....	3,313	3,154	2,523	2,852	3,011	2,379	54,852	63,231	40,443	84	154	235
North Central.....	55,996	59,327	56,879	54,072	58,658	55,138	1,950,652	2,559,198	1,727,677	79.6	151	227
Delaware.....	142	145	141	140	144	140	3,894	4,536	4,550	92	161	225
Maryland.....	487	458	458	482	456	456	16,669	17,328	16,416	91	160	220
Virginia.....	1,346	1,125	1,136	1,329	1,119	1,130	34,900	40,284	42,940	104	182	225
West Virginia.....	401	306	309	398	303	306	11,896	10,302	12,546	107	186	230
North Carolina.....	2,376	2,193	2,160	2,353	2,160	2,138	49,302	58,320	65,209	102	185	210
South Carolina.....	1,645	1,452	1,408	1,632	1,447	1,404	24,290	27,493	28,080	101	173	205
Georgia.....	4,003	3,313	3,237	3,944	3,270	3,205	44,229	44,145	48,075	104	182	210
Florida.....	736	703	686	724	691	691	7,512	6,910	8,638	106	189	215
South Atlantic.....	11,136	9,695	9,547	11,003	9,590	9,470	192,693	209,318	226,454	102	180	215
Kentucky.....	2,595	2,253	2,185	2,567	2,246	2,179	66,809	81,979	76,265	99	180	225
Tennessee.....	2,628	2,207	2,200	2,601	2,189	2,189	63,227	65,670	63,481	100	186	225
Alabama.....	3,329	2,743	2,789	3,282	2,710	2,764	44,255	42,005	42,842	106	188	230
Mississippi.....	2,906	2,417	2,320	2,824	2,210	2,254	45,046	36,465	37,191	98	188	230
Arkansas.....	2,038	1,509	1,388	1,973	1,472	1,325	33,723	30,912	22,525	93	166	230
Louisiana.....	1,464	1,040	990	1,417	1,000	960	22,691	15,000	13,920	94	179	225
Oklahoma.....	1,814	1,534	1,319	1,704	1,479	1,272	27,644	25,882	22,896	85	154	220
Texas.....	4,664	3,267	2,973	4,538	3,236	2,945	71,963	55,012	48,592	83	154	215
South Central.....	21,439	16,970	16,164	20,904	16,542	15,888	374,788	352,925	327,712	94.9	176	225
Montana.....	195	190	177	169	180	166	2,643	2,520	2,988	85	150	220
Idaho.....	44	27	26	42	26	25	1,837	1,092	1,125	96	156	235
Wyoming.....	156	73	69	136	68	65	1,664	1,122	1,235	92	154	230
Colorado.....	1,096	717	638	955	683	608	13,098	14,343	13,984	84	146	230
New Mexico.....	216	160	155	188	141	141	2,351	2,256	1,904	100	188	240
Arizona.....	36	34	34	35	32	32	375	352	352	112	203	285
Utah.....	26	22	25	25	21	25	702	588	950	107	188	235
Nevada.....	3	2	3	2	2	2	86	70	64	111	190	240
Washington.....	29	17	15	29	17	15	1,099	884	795	94	161	240
Oregon.....	57	33	28	55	32	27	1,789	1,136	1,107	98	167	255
California.....	75	67	62	75	67	62	2,419	2,144	1,984	107	170	280
Western.....	1,932	1,342	1,231	1,713	1,260	1,168	28,264	26,507	26,488	90.7	156	236
United States.....	92,914	89,788	86,168	90,083	88,489	83,981	2,639,102	3,249,950	2,400,952	83.8	156	226

<sup>1</sup> Relates to corn for all purposes, i.e., grain, silage, fodder, hogged off, grazed, etc.<sup>2</sup> Preliminary.<sup>3</sup> For certain years, prices include an allowance for unredeemed loans at average loan value.

Bureau of Agricultural Economics.

## CORN

45

TABLE 47.—Corn: Utilization for grain, silage, hogging down, grazing, and forage, by States, 1946 and 1947

State and division	1946					1947 <sup>1</sup>				
	For grain		For silage		Hogging down, grazing, and forage acreage	For grain		For silage		Hogging down, grazing, and forage acreage
	Acreage harvested	Production	Acreage harvested	Production		Acreage harvested	Production	Acreage harvested	Production	
	1,000 acres	1,000 bushels	1,000 acres	1,000 tons	1,000 acres	1,000 acres	1,000 bushels	1,000 acres	1,000 tons	1,000 acres
Maine.....	3	111	7	80	1	2	80	7	77	1
New Hampshire.....	3	123	9	104	1	2	88	9	104	1
Vermont.....	3	120	52	520	3	2	80	44	418	2
Massachusetts.....	6	276	30	315	2	6	276	29	334	2
Rhode Island.....	1	39	6	60	1	1	44	6	57	1
Connecticut.....	9	396	38	418	3	9	432	37	426	2
New York.....	157	6,123	465	4,324	61	132	4,554	432	3,629	58
New Jersey.....	125	5,625	59	531	5	122	5,246	52	468	6
Pennsylvania.....	1,078	46,354	273	2,457	29	1,082	45,985	250	2,125	20
North Atlantic.....	1,385	59,167	939	8,809	106	1,358	56,785	866	7,638	93
Ohio.....	3,405	166,845	127	1,080	109	3,098	127,018	183	1,372	105
Indiana.....	4,445	226,695	78	663	59	4,303	185,029	89	623	43
Illinois.....	8,553	487,521	169	1,589	151	8,296	327,692	209	1,547	191
Michigan.....	1,335	38,715	289	1,734	180	1,140	32,490	289	1,763	177
Wisconsin.....	1,247	56,738	1,222	9,409	76	1,285	57,182	1,185	9,598	50
Minnesota.....	4,323	196,696	692	5,744	437	4,187	159,106	680	4,896	367
Iowa.....	10,600	604,200	178	1,869	356	9,547	310,278	280	1,792	528
Missouri.....	4,239	158,962	44	286	132	3,777	94,425	80	400	161
North Dakota.....	437	10,051	145	493	631	523	10,983	143	543	523
South Dakota.....	3,529	109,399	48	288	433	3,454	69,080	63	340	453
Nebraska.....	7,579	223,580	80	424	319	6,973	139,460	73	277	294
Kansas.....	2,469	54,318	211	802	331	1,996	35,748	155	574	238
North Central.....	52,161	2,333,720	3,283	24,381	3,214	48,569	1,548,491	3,429	23,725	3,140
Delaware.....	140	4,410	3	32	1	136	4,420	3	27	1
Maryland.....	416	15,808	35	332	5	419	15,084	33	314	4
Virginia.....	1,066	38,376	34	323	19	1,054	40,052	47	470	29
West Virginia.....	233	9,902	7	70	3	295	12,095	8	80	3
North Carolina.....	2,106	56,862	15	128	39	2,080	63,440	15	138	43
South Carolina.....	1,415	26,885	3	16	29	1,365	27,300	4	22	35
Georgia.....	3,064	41,364	10	50	196	2,939	44,085	10	50	256
Florida.....	560	5,600	6	30	125	546	6,825	6	33	139
South Atlantic.....	9,060	199,267	113	981	417	8,834	213,301	126	1,134	510
Kentucky.....	2,201	80,336	16	144	29	2,136	74,760	15	150	28
Tennessee.....	2,125	63,750	18	126	46	2,123	61,567	18	126	48
Alabama.....	2,640	40,920	5	22	65	2,670	41,385	8	40	86
Mississippi.....	2,173	35,854	4	22	33	2,211	36,482	5	30	38
Arkansas.....	1,435	30,135	2	9	35	1,267	21,539	2	9	56
Louisiana.....	975	14,625	2	8	23	941	13,644	2	8	17
Oklahoma.....	1,427	24,972	8	36	44	1,221	21,978	8	32	43
Texas.....	3,158	53,686	13	52	65	2,877	47,470	15	48	53
South Central.....	16,134	344,278	68	419	340	15,446	318,825	73	443	369
Montana.....	13	273	7	28	160	14	308	7	32	145
Idaho.....	17	714	7	84	2	16	720	7	74	2
Wyoming.....	27	486	3	18	38	26	533	4	26	35
Colorado.....	444	8,880	68	442	171	474	10,428	64	480	70
New Mexico.....	118	2,006	5	25	18	120	1,740	4	18	17
Arizona.....	24	276	3	22	5	24	276	3	21	5
Utah.....	4	116	11	99	6	3	114	15	142	7
Nevada.....	1	35	1	10	-----	1	32	1	10	-----
Washington.....	7	371	6	63	4	6	324	6	69	3
Oregon.....	12	438	11	88	9	12	504	10	100	5
California.....	32	1,120	25	260	10	27	945	25	250	10
Western.....	699	14,715	147	1,129	423	723	15,924	146	1,222	290
United States.....	79,439	2,951,147	4,550	35,719	4,500	74,930	2,153,326	4,640	34,162	4,411

<sup>1</sup> Preliminary.

Bureau of Agricultural Economics.



TABLE 48.—Corn: Acreage, yield per acre, and production in specified countries, year of harvest, average 1935-39, annual 1945-47 1

Continent and country	Acreage *			Yield per acre *			Production		
	Average 1935-39	1945	1946	1947 *	Average 1935-39	1945	1946	1947 *	
North America:									
Canada:	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Bushels	Bushels	Bushels	Bushels	
Guatemala:	172	237	252	176	40.8	43.7	42.3	38.0	
Honduras:	1,000	1,200			15.7	14.9			
Mexico:	7,501	8,527	8,187	8,154	14.0	10.1	11.5	10.6	
Nicaragua:	186	199	138	173	9.0	17.8	15.5	18.6	
United States:	92,699	88,079	88,489	83,981	17.4	32.7	36.7	28.6	
Cuba:	360	360	400	400	25.0	14.5	15.6	15.0	
Estimated total *	103,230	100,400	100,400	95,570	16.7				
Europe:									
Austria:	235	205	250	250	Bushels	Bushels	Bushels	Bushels	
Bulgaria:	1,133	1,736	1,791	1,791	21.6	16.6	20.0	22.0	
Czechoslovakia:	1,395	350	340	285	41.3	5.1	9.8	9.8	
France:	839	529	603	675	28.6	20.6	20.6	21.1	
Germany:	85	509	653	618	26.9	11.9	16.6	13.3	
Greece:	660	509	653	618	47.1	12.4	12.1	16.2	
Hungary:	2,925	3,016	2,900	3,000	15.5	15.5	15.5	15.5	
Italy:	3,595	3,350	3,200	3,200	31.5	24.6	24.6	24.6	
Portugal:	9,877	1,089	1,320	1,310	20.9	20.9	27.1	28.9	
Rumania:	1,698	872	915	960	13.1	11.2	12.7	12.0	
Spain:	6,615				26.7	21.3	22.7	20.2	
Yugoslavia:					26.7				
Estimated total *	29,200	26,140	26,430	30,070					
U. S. S. R. (Europe and Asia):									
Asia:	10,000	6,500	7,200		17.0	17.4			
Turkey:	1,098	1,428	1,260	1,397	20.9	8.1	18.6	15.5	
Burma:	12,000	14,200	14,100	14,000	21.6	22.2	21.3	20.4	
China:	3,720	7,705			23.3	21.1			
Manchuria:	1,019	9,670			20.8				
French Indochina:	6,265	9,670			13.1	12.1	11.7	11.2	
India and Pakistan:	1,281				23.6				
Japan:	5,181				15.6				
Korea:	1,713				9.4				
Philippine Islands:									
Estimated total *	33,840	40,860	38,320	38,620					



<b>South America:</b>									
Argentina.....	10,775	6,461	6,431	7,900	28.0	21.8	35.6	36.5	301,986
Brazil.....	10,116	10,653	116	1,680	22.7	21.0	23.2	23.2	140,769
Chile.....	113	113	1,651	1,680	15.1	21.1	14.8	15.2	23,433
Colombia.....	1,360	378	391	450	9.8	8.5	11.5	11.4	2,498
Uruguay.....	531	378	391	450	9.8	8.5	11.5	11.4	24,408
Estimated total *	25,030	21,520	20,440	22,240					570,000
<b>Africa:</b>									
Belgian Congo.....	179	125			27.9				5,000
Kenya.....	108				31.0	26.7			3,350
Eastland.....	358				39.5				63,220
French Morocco.....	1,699	1,952	1,715	1,600	7.6	34.3	32.6	34.4	8,521
French West Africa.....	1,112	1,211	1,228	1,260	7.6	2.2	7.0	8.0	8,305
Madagascar.....	1,732	235	222		12.4	10.4	10.0		21,473
Angola.....	260				15.3				3,909
Union of South Africa.....	1,427				9.2				13,984
Southern Rhodesia *.....	288		252	335	22.1		12.5	21.3	5,223
Union of South Africa.....	6,909	6,267	7,261	7,790	11.6	9.9	12.0	12.7	80,132
Estimated total *	18,400	18,180	10,110	19,550					250,000
<b>Oceania:</b>									
Australia.....	314	236	260		22.4	24.3	22.3		7,030
New Zealand.....	7	7	8		45.4	50.0	49.6		318
Total.....	321	243	268	260					7,348
Estimated world total *	220,020	213,540	211,550	213,710					4,739,000
									4,952,000
									5,291,000
									6,205
									6,450
									4,830,000

\* Years shown refer to years of harvest in the Northern Hemisphere. Harvests of Northern Hemisphere countries are combined with those of the Southern Hemisphere which follow; thus, the crop harvested in the Northern Hemisphere in 1947 is combined with estimates for the Southern Hemisphere harvests which began early in 1948.

\* Figures refer to harvested area as far as possible.

\* Yield per acre calculated from acreage and production data shown, except for incomplete periods.

\* Revised estimates for Northern Hemisphere countries; for the Southern Hemisphere, preliminary forecast.

\* Average of less than 5 years.

\* Estimated totals, which in the case of production are rounded to millions, include

allowances for any missing data for countries shown and for other producing countries not shown.

\* Estimate not adjusted to take account of inclusion of Southern Dobrudja and, therefore, not strictly comparable with estimates shown for later years.

\* Figure for 1933 only.

\* European cultivation only.

Office of Foreign Agricultural Relations. Prepared or estimated on the basis of official statistics of foreign governments, reports of United States foreign service officers, results of office research, or other information. Preliminary estimates for countries having changed boundaries have been adjusted to conform to present boundaries, except as noted.

TABLE 49.—*Corn hybrids: Percentage of total corn acreage planted with hybrid seed, North Central States and United States, 1933-48*

Year	North Central States	United States	Year	North Central States	United States
	Percent	Percent		Percent	Percent
1933.....	0.2	0.1	1941.....	65.0	39.3
1934.....	.6	.4	1942.....	73.0	46.4
1935.....	1.9	1.1	1943.....	78.1	52.4
1936.....	5.1	3.1	1944.....	83.5	59.2
1937.....	12.9	7.9	1945.....	88.1	64.4
1938.....	25.4	14.9	1946.....	90.8	68.6
1939.....	38.6	22.5	1947.....	92.8	72.1
1940.....	51.8	30.5	1948 <sup>1</sup> .....	93.7	75.1

<sup>1</sup> Preliminary.

Bureau of Agricultural Economics.

TABLE 50.—*Corn hybrids: Percentage of total corn acreage planted with hybrid seed, by States, 1945-48*

State	1945	1946	1947	1948 <sup>1</sup>	State	1945	1946	1947	1948 <sup>1</sup>
	Percent	Percent	Percent	Percent		Percent	Percent	Percent	Percent
Maine.....	32.0	45.0	57.0	72.0	North Carolina.....	3.2	5.5	14.0	24.0
New Hampshire.....	45.0	52.0	62.0	75.0	South Carolina.....	1.3	2.5	6.5	13.0
Vermont.....	46.0	53.0	58.0	70.0	Georgia.....	1.7	2.5	5.0	9.0
Massachusetts.....	32.0	62.0	68.0	80.0	Florida.....	10.6	7.5	9.0	14.0
Rhode Island.....	60.0	65.0	68.0	78.0	Kentucky.....	64.8	73.0	77.0	81.5
Connecticut.....	60.0	65.0	68.0	80.0	Tennessee.....	14.9	23.0	30.0	38.0
New York.....	40.6	58.0	69.0	73.0	Alabama.....	2.4	3.0	5.5	9.5
New Jersey.....	74.6	81.0	86.0	83.0	Mississippi.....	4.8	5.5	12.0	16.0
Pennsylvania.....	76.2	74.0	80.5	84.0	Arkansas.....	28.3	39.0	46.0	51.0
Ohio.....	95.9	97.0	97.5	98.0	Louisiana.....	4.8	8.0	15.0	17.5
Indiana.....	98.1	98.5	98.0	99.0	Oklahoma.....	15.0	27.0	40.5	55.5
Illinois.....	98.1	99.0	99.5	99.5	Texas.....	11.8	23.0	35.5	50.0
Michigan.....	79.6	85.0	87.5	89.0	Montana.....	5.0	12.0	15.0	18.5
Wisconsin.....	88.8	92.0	92.0	94.0	Idaho.....	55.6	48.0	60.5	66.0
Minnesota.....	91.2	94.0	94.0	94.5	Wyoming.....	5.2	7.0	8.0	8.0
Iowa.....	99.9	100.0	100.0	100.0	Colorado.....	25.6	30.0	34.0	51.5
Missouri.....	87.7	90.5	93.0	95.0	New Mexico.....	8.0	9.0	9.5	8.5
North Dakota.....	31.9	47.0	48.0	49.5	Arizona.....	3.3	3.0	3.5	3.5
South Dakota.....	62.8	62.0	70.0	70.5	Utah.....	51.3	54.0	62.0	65.0
Nebraska.....	85.1	89.0	93.0	93.5	Nevada.....	37.8	41.0	45.5	45.5
Kansas.....	62.0	73.0	79.5	84.0	Washington.....	54.0	51.0	69.0	75.0
Delaware.....	46.1	67.0	75.5	83.0	Oregon.....	55.0	64.0	73.5	77.0
Maryland.....	64.9	75.0	90.0	90.0	California.....	21.8	30.0	41.5	47.0
Virginia.....	40.3	55.0	67.5	76.0					
West Virginia.....	40.4	53.0	57.0	64.0	United States.....	64.4	68.6	72.1	75.1

<sup>1</sup> Preliminary.

Bureau of Agricultural Economics. Data for earlier years in Agricultural Statistics, 1947, table 48, and Agricultural Statistics, 1945, table 46.

TABLE 51.—*Corn: Production and farm disposition, United States, 1938-47*

Crop of—	Production for all purposes	Feed and Seed	For farm house- hold use	Sold	Crop of—	Production for all purposes	Feed and Seed	For farm house- hold use	Sold
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels		1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1938.....	2,548,753	1,945,409	28,051	875,233	1943.....	2,965,980	2,392,950	21,033	851,977
1939.....	2,580,985	1,973,429	25,904	581,652	1944.....	3,088,110	2,366,274	19,486	702,350
1940.....	2,547,146	1,945,331	25,192	486,623	1945.....	2,880,933	2,256,332	18,647	608,954
1941.....	2,651,889	2,087,392	23,099	541,398	1946.....	3,249,950	2,404,583	17,171	828,196
1942.....	3,068,562	2,467,617	21,583	570,362	1947 <sup>1</sup> .....	2,400,952	1,866,872	17,012	517,066

<sup>1</sup> Preliminary.

Bureau of Agricultural Economics. Disposition of the crop specified and not disposition within the marketing year. Estimates of farm disposition represent portions of the crop used or to be used for the designated purposes on farms where produced and do not include purchases by farmers from others for such purposes.

TABLE 52.—Corn: Production and farm disposition, by States, crops of 1946 and 1947

State	Crop of 1946				Crop of 1947 <sup>1</sup>			
	Production for all purposes	Feed and seed	For farm household use	Sold	Production for all purposes	Feed and seed	For farm household use	Sold
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
Maine.....	407	403	1	3	400	397	1	3
New Hampshire.....	533	530	1	2	528	525	1	2
Vermont.....	2,320	2,318	1	1	1,920	1,918	1	1
Massachusetts.....	1,748	1,739	1	8	1,702	1,693	1	8
Rhode Island.....	312	310	2	2	352	350	2	2
Connecticut.....	2,200	2,190	1	9	2,304	2,292	1	11
New York.....	26,637	26,324	7	306	20,215	19,937	5	273
New Jersey.....	8,505	7,433	3	1,069	7,740	6,845	3	892
Pennsylvania.....	59,340	51,384	76	7,880	57,460	50,026	76	7,358
Ohio.....	178,409	149,946	99	28,364	138,826	118,406	97	20,322
Indiana.....	233,682	185,745	64	49,873	191,135	150,365	64	40,706
Illinois.....	505,761	266,843	33	238,885	343,492	199,275	33	144,184
Michigan.....	50,512	46,619	21	3,872	44,165	41,383	20	2,762
Wisconsin.....	111,980	106,284	22	5,674	105,840	98,956	22	6,862
Minnesota.....	239,888	192,659	22	47,207	191,041	152,835	21	38,185
Iowa.....	634,638	453,359	19	181,260	331,300	269,285	19	62,056
Missouri.....	163,355	139,413	98	23,844	98,441	84,187	90	14,164
North Dakota.....	26,080	24,469	3	1,608	24,374	22,614	3	1,757
South Dakota.....	120,300	85,281	11	35,008	75,430	57,458	11	17,961
Nebraska.....	231,362	135,205	18	96,139	143,130	91,512	18	51,600
Kansas.....	63,221	45,836	13	17,382	40,443	31,139	10	9,294
Delaware.....	4,536	3,382	7	1,147	4,550	3,084	7	1,459
Maryland.....	17,328	12,700	44	4,584	16,416	11,998	44	4,374
Virginia.....	40,284	32,495	1,265	6,524	42,940	33,275	1,254	8,411
West Virginia.....	10,302	9,165	290	847	12,546	11,120	277	1,149
North Carolina.....	58,320	49,048	1,880	7,392	65,209	52,544	1,880	10,785
South Carolina.....	27,493	22,738	1,260	3,495	28,080	22,745	1,240	4,095
Georgia.....	44,145	37,005	2,590	4,550	48,075	38,942	2,520	6,613
Florida.....	8,910	6,002	348	560	8,638	7,471	348	819
Kentucky.....	81,979	69,577	1,155	11,247	76,265	62,422	1,134	12,709
Tennessee.....	65,670	55,095	1,650	8,925	63,481	50,749	1,650	11,082
Alabama.....	42,005	33,651	2,625	5,729	42,842	33,979	2,655	6,208
Mississippi.....	36,465	31,631	2,145	2,689	37,191	31,343	2,200	3,648
Arkansas.....	30,912	27,713	336	2,863	22,525	19,425	300	2,800
Louisiana.....	15,000	13,769	280	951	13,920	12,831	270	819
Oklahoma.....	25,882	19,729	160	5,993	22,896	18,800	140	3,956
Texas.....	55,012	38,396	510	16,106	48,592	34,346	480	13,766
Montana.....	2,520	2,490	30	2,988	2,954	2,954	34	34
Idaho.....	1,092	849	243	1,125	902	902	223	223
Wyoming.....	1,122	1,103	19	1,235	1,192	1,192	43	43
Colorado.....	14,343	9,723	2	4,618	13,984	9,394	2	4,588
New Mexico.....	2,256	1,775	20	461	1,904	1,497	24	353
Arizona.....	352	221	90	41	352	221	90	41
Utah.....	588	580	8	950	639	639	11	11
Nevada.....	70	67	3	64	61	61	3	3
Washington.....	884	847	37	795	763	763	32	32
Oregon.....	1,136	1,092	44	1,107	1,041	1,041	66	66
California.....	2,144	1,450	694	1,984	1,436	1,436	648	648
United States.....	3,249,950	2,404,583	17,171	828,196	2,400,952	1,866,872	17,012	517,068

<sup>1</sup> Preliminary.

Bureau of Agricultural Economics. Disposition of the crop specified and not disposition within the marketing year. Estimates of farm disposition represent portions of the crop used or to be used for the designated purposes on farms where produced and do not include purchases by farmers from others for such purposes.

TABLE 53.—*Corn: Stocks on and off farms, United States, 1938-48*

Year	On farms				Off farms <sup>1</sup>			
	Jan. 1	Apr. 1	July 1	Oct. 1 <sup>2</sup>	Jan. 1	Apr. 1	July 1	Oct. 1 <sup>2</sup>
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1938.....	1,671,190	1,668,758	640,050	351,539	-----	-----	-----	-----
1939.....	1,814,936	1,217,102	846,208	553,793	-----	-----	-----	-----
1940.....	1,908,654	1,267,342	846,966	541,444	-----	-----	-----	-----
1941.....	1,835,888	1,198,382	754,527	473,540	-----	-----	-----	-----
1942.....	2,002,290	1,281,682	757,779	422,026	-----	-----	-----	-----
1943.....	2,214,310	1,357,384	791,039	355,224	-----	114,797	40,021	28,877
1944.....	1,932,862	1,073,102	551,672	202,670	52,923	48,141	34,410	28,325
1945.....	2,066,986	1,289,536	718,261	293,419	56,539	65,880	35,854	21,891
1946.....	1,858,960	1,032,856	496,928	153,003	45,136	58,270	35,229	19,923
1947.....	2,136,640	1,276,329	677,375	254,210	71,651	81,769	39,634	31,218
1948 <sup>3</sup> .....	1,517,901	849,198	426,533	-----	49,186	39,863	31,232	-----

<sup>1</sup> Includes stocks in interior mills, elevators, and warehouses, merchant mills, commercial stocks at terminals, and stocks owned by Commodity Credit Corporation in steel and wooden bins.

<sup>2</sup> Includes old crop only.

<sup>3</sup> Preliminary.

Bureau of Agricultural Economics. Data for stocks on farms, 1927-37, in *Agricultural Statistics*, 1943, table 40.

TABLE 54.—*Corn processed and sales of specified products by the wet-process industry, United States, 1938-47*

Year	Wet-process grindings	Products sold							
		Corn starch	Corn sugar	Corn sirup, unmixed <sup>1</sup>	Dextrines	Corn oil		Feed	
						Crude	Refined	Gluten feed and meal	Corn-oil meal
		1,000 bushels	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 tons	1,000 tons
1938.....	73,322	912,225	412,479	1,080,266	80,581	15,361	113,851	518	22
1939.....	77,244	1,015,440	458,762	1,142,488	91,430	31,673	103,583	592	28
1940.....	81,710	1,093,643	470,469	1,178,236	98,947	28,859	130,807	624	30
1941.....	110,300	1,530,986	657,454	1,251,212	145,817	25,271	142,026	819	39
1942.....	130,358	1,546,979	770,684	2,028,352	134,678	35,284	206,123	1,013	55
1943.....	128,455	1,530,649	722,420	1,799,809	188,435	56,659	165,064	914	63
1944.....	119,959	1,240,483	684,303	1,816,326	169,790	40,134	146,526	827	55
1945.....	118,942	1,237,602	665,459	1,837,902	148,975	29,183	144,543	824	54
1946.....	120,611	1,282,726	647,902	1,837,280	140,630	30,561	136,778	872	59
1947 <sup>2</sup> .....	139,273	1,509,289	785,293	1,983,006	162,429	40,630	181,226	1,015	63

<sup>1</sup> Includes corn sirup, unmixed, sold to mixers outside of the wet-process industry, and the quantity used by the wet-process industry in its mixed sirups.

<sup>2</sup> Preliminary.

Bureau of Agricultural Economics. Compiled from reports of Price, Waterhouse, and Co., New York.

TABLE 55.—Corn: Supply and distribution in the United States, 1938-47

## SUPPLY

Year beginning October—	Carry-over Oct. 1					Production for all purposes	Imports <sup>1</sup>	Total supply
	Farm	Terminal market <sup>1</sup>	Owned by Govern- ment <sup>2</sup>	Interior mills, elevators, and ware- houses	Total			
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1938.....	351,539	9,899	—	—	4361,438	2,548,753	442	4 2,910,633
1939.....	553,793	14,947	15,000	—	4 883,740	2,580,985	1,110	4 3,165,836
1940.....	541,444	41,179	105,000	—	4 687,623	2,457,146	1,269	4 3,146,038
1941.....	473,540	39,137	132,000	—	4 644,677	2,651,889	565	4 3,297,131
1942.....	422,026	38,641	30,021	—	4 490,688	3,068,562	407	4 3,559,667
1943.....	355,224	7,452	477	20,948	384,101	2,965,980	3,688	3,353,769
1944.....	202,670	7,478	534	20,313	230,995	3,088,110	6,065	3,325,170
1945.....	293,419	4,674	19	17,198	315,310	2,880,933	618	3,196,861
1946.....	153,003	4,944	—	14,979	172,926	3,249,950	566	3,423,442
1947 <sup>3</sup> .....	254,210	7,910	—	23,308	285,428	2,400,952	—	—

## DISTRIBUTION

Year beginning October—	Dry-process products			Wet- process prod- ucts <sup>4</sup>	Alcohol and distilled spirits <sup>5</sup>	Seed <sup>10</sup>	Feed, other uses, and waste <sup>11</sup>	Exports <sup>2</sup>	Total dis- appear- ance	Do- mestic dis- appear- ance <sup>12</sup>	Stocks, end of year
	Break- fast foods <sup>6</sup>	Farm house- hold use	Corn meal, grits, etc. <sup>7</sup>								
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1938.....	7,151	28,051	40,843	75,531	17,962	14,728	2,108,747	33,880	2,326,893	2,292,524	4 583,740
1939.....	7,200	25,904	42,000	83,074	19,562	13,621	2,243,023	43,828	2,478,212	2,433,928	4 687,623
1940.....	9,000	25,192	42,000	100,750	25,731	12,715	2,271,419	14,554	2,501,361	2,436,512	4 644,677
1941.....	10,000	23,412	50,000	127,051	54,652	12,371	2,509,351	19,606	2,806,443	2,786,445	4 490,688
1942.....	11,000	22,244	60,000	128,062	41,584	13,140	2,915,729	4,805	3,196,504	3,191,328	18 363,153
1943.....	12,000	22,139	60,000	120,934	10,482	13,298	2,873,924	9,997	3,122,774	3,112,505	230,995
1944.....	12,000	20,757	62,000	124,589	36,986	12,498	2,724,419	16,611	3,009,860	2,992,732	315,310
1945.....	11,000	18,647	55,000	111,732	27,513	12,506	2,767,663	14 19,874	3,023,935	3,001,987	172,926
1946 <sup>8</sup> .....	12,000	17,171	63,000	143,457	55,294	12,002	2,708,352	14 126,738	3,138,014	3,009,349	285,428

<sup>1</sup> Commercial stocks at terminal markets.<sup>2</sup> Owned by the Commodity Credit Corporation in steel and wooden bins off farms.<sup>3</sup> Compiled from reports of the Bureau of Foreign and Domestic Commerce and Bureau of the Census. Imports include grain equivalent of corn meal and flour; exports are grain only.<sup>4</sup> Exclusive of stocks at interior mills, elevators, and warehouses, data for which are not available.<sup>5</sup> Preliminary.<sup>6</sup> Estimated quantities (based on census data) used in making prepared breakfast foods during the calendar year following the corn harvest. For example, the 7,151,000 bushels of corn in the first line of this column is corn used during the calendar year 1939.<sup>7</sup> Estimated quantities (based on census data) used in corn meal, flour, hominy, and grits during the calendar year following the corn harvest. Does not include livestock feeds or industrial products produced in the dry-milling industry.<sup>8</sup> Starch, sirup, sugar, etc. Compiled from data of Price, Waterhouse, and Company, New York.<sup>9</sup> Compiled from data of the Bureau of Internal Revenue. Does not include corn products used in the production of fermented malt liquors.<sup>10</sup> Based on acreage planted to corn the following year.<sup>11</sup> Residual, mostly feed.<sup>12</sup> Total disappearance, minus exports of corn and grain equivalent of corn meal and flour.<sup>13</sup> Stocks at the end of the 1942-43 marketing year, excluding grain at interior mills, elevators, and warehouses, are used in computing 1942-43 disappearance.<sup>14</sup> Includes exports for military civilian feeding abroad.

Bureau of Agricultural Economics.

TABLE 56.—Corn, shelled: Receipts graded by licensed inspectors, by grades, United States, 1937-48

Year beginning November—	No. 1	No. 2	No. 3	No. 4	No. 5	Sample	Total	Percentage grading No. 3 or better
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	Percent
1937.....	103,073	169,592	123,944	94,189	31,621	24,103	546,522	73
1938.....	153,489	109,133	56,660	15,574	3,319	4,683	342,858	93
1939.....	226,779	110,688	35,032	8,667	1,911	3,414	386,491	96
1940.....	104,871	101,669	85,171	59,688	21,183	13,182	385,764	76
1941.....	152,142	141,809	82,312	73,617	20,793	12,055	482,728	78
1942.....	77,443	151,607	104,655	77,160	27,939	14,526	453,330	74
1943.....	31,647	76,091	78,390	71,169	42,610	29,229	329,136	57
1944.....	21,089	101,667	122,089	125,458	99,472	94,353	564,128	43
1945 <sup>1</sup> .....	54,903	81,062	69,931	81,626	63,922	64,113	415,557	50
1946 <sup>1</sup> .....	42,523	181,982	174,769	188,409	114,038	83,040	784,761	49

<sup>1</sup> Year beginning October.

Production and Marketing Administration. The quantity loaded per car varies, but carlot receipts have been converted to bushels on the basis of 1,500 bushels per car for the years 1937-43 and 1,700 bushels for the years 1944-46.

TABLE 57.—Hog-corn ratios, and average price received by farmers for corn, average 1927-46, annual 1938-47

Year	Hog-corn ratios <sup>1</sup>		Price of corn, per bushel <sup>2</sup>		Year	Hog-corn ratios <sup>1</sup>		Price of corn, per bushel <sup>2</sup>	
	United States	North Central States	United States	North Central States		United States	North Central States	United States	North Central States
1927-46 average..	12.1	13.2	76.2	71.3	1943.....	13.6	14.6	103	96.2
1938.....	16.0	17.7	49.0	44.6	1944.....	11.6	12.7	113	104
1939.....	13.3	14.9	47.6	42.6	1945.....	12.8	13.8	110	101
1940.....	9.2	9.9	59.0	54.8	1946.....	12.5	13.4	141	134
1941.....	14.2	14.9	64.3	61.6	1947.....	13.7	14.1	187	185
1942.....	16.5	17.6	79.4	75.3					

<sup>1</sup> Number of bushels of corn required to buy 100 pounds of live hogs at local markets, based on average prices received by farmers for hogs and corn. Annual average is straight average of monthly ratios.

<sup>2</sup> Straight average of monthly prices.

Bureau of Agricultural Economics.

TABLE 58.—Corn (for grain): Estimated cost of production, by selected States and groups of States, 1938-46<sup>1</sup>

State or group	Average 1938-46		Net cost per acre, including rent									
	Acre- age har- vested	Yield per acre <sup>2</sup>	1938	1939	1940	1941	1942	1943	1944	1945	1946	
			1,000 acres	Bush- els	Dol- lars	Dol- lars	Dol- lars	Dol- lars	Dol- lars	Dol- lars	Dol- lars	Dol- lars
Eastern:												
North <sup>3</sup> .....	8,571	29.5	22.31	22.50	23.15	25.45	30.97	36.46	40.02	42.80	47.35	
South <sup>4</sup> .....	14,096	15.0	15.42	15.45	16.26	17.70	21.25	26.11	30.00	31.96	35.15	
Ohio, Indiana, Michigan, Wisconsin, and Minne- sota.....	13,665	44.4	23.69	24.69	24.73	27.74	33.60	38.46	40.37	42.09	45.42	
Illinois and Iowa.....	17,453	51.0	21.15	22.12	22.47	24.98	30.49	34.87	37.64	38.16	41.26	
Missouri and Nebraska.....	10,820	28.6	13.51	14.36	15.57	16.52	21.63	25.68	29.72	29.61	31.85	
Kansas, South Dakota, and North Dakota.....	5,631	25.2	12.04	12.89	13.24	14.67	19.28	22.56	25.94	26.85	27.85	
Southwestern <sup>5</sup> .....	9,364	16.6	13.85	13.97	14.46	15.82	19.17	22.22	25.03	26.78	29.14	
Western <sup>6</sup> .....	998	18.7	12.36	14.50	13.68	15.23	20.28	24.13	26.64	27.15	29.23	
United States.....	80,598	32.1	18.06	18.77	19.22	21.07	25.89	30.32	33.57	35.00	38.03	
			Net cost per bushel, including rent									
Eastern:												
North <sup>3</sup> .....			0.77	0.83	0.83	0.86	1.00	1.33	1.52	1.29	1.33	
South <sup>4</sup> .....			1.08	1.30	1.21	1.18	1.44	1.70	1.92	1.79	2.02	
Ohio, Indiana, Michigan, Wisconsin, and Minne- sota.....			.59	.52	.65	.62	.67	.83	.99	.92	.98	
Illinois and Iowa.....			.47	.43	.47	.48	.53	.63	.77	.84	.72	
Missouri and Nebraska.....			.71	.73	.67	.63	.62	.90	.82	1.03	.98	
Kansas, South Dakota, and North Dakota.....			.73	.76	.74	.66	.62	.93	.76	1.04	1.03	
Southwestern <sup>5</sup> .....			.82	.90	.73	.97	1.18	1.49	1.63	1.51	1.66	
Western <sup>6</sup> .....			.86	.98	.86	.77	.93	1.30	1.29	1.28	1.39	
United States.....			.65	.63	.67	.68	.73	.92	1.01	1.06	1.03	

<sup>1</sup> Costs for each year indicated are based on average corn-for-grain yields for that year and on prevailing cost rates for labor, farm power, materials, equipment, and land rent during the year.

<sup>2</sup> Yield per acre is a weighted average.

<sup>3</sup> Includes the 6 New England States, New York, New Jersey, Pennsylvania, Delaware, Maryland, Virginia, West Virginia, Kentucky, and Tennessee.

<sup>4</sup> Includes North Carolina, South Carolina, Georgia, Florida, Alabama, and Mississippi.

<sup>5</sup> Includes Arkansas, Louisiana, Oklahoma, and Texas.

<sup>6</sup> Includes Montana, Idaho, Wyoming, Colorado, New Mexico, Arizona, Utah, Nevada, Washington, Oregon, and California.

Bureau of Agricultural Economics. See also table 683.

TABLE 59.—Corn, yellow: Average price per bushel, selected grades and markets, 1938-47

Year beginning October—	No. 3 Yellow <sup>1</sup>					No. 2 Yellow, San Francisco <sup>2</sup>	Yellow corn, Argentina <sup>3</sup>
	Chicago	Kansas City	Minne- apolis	Omaha	St. Louis		
	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
1938.....	48.4	46.2	44.9	43.1	49.0	74.1	51
1939.....	54.3	57.2	52.8	54.3	55.6	86.0	39
1940.....	66.9	59.0	63.8	57.6	64.3	89.8	<sup>4</sup> 24
1941.....	79.3	77.9	73.5	73.3	79.9	102.3	<sup>5</sup> 31
1942.....	90.8	89.7	94.4	84.4	90.6	122.8	40
1943.....	114.3	112.7	112.4	108.5	-----	141.1	41
1944.....	115.2	109.6	111.0	107.0	114.8	140.5	54
1945.....	194.0	136.6	158.6	137.7	196.3	168.0	114
1946.....	180.4	183.4	168.1	165.4	159.5	207.1	96
1947 <sup>6</sup> .....	232.9	243.7	229.0	233.7	235.6	258.9	83

<sup>1</sup> Average of daily prices weighted by carlot sales, as reported in trade papers published at the various markets.<sup>2</sup> Average of bulk-of-sales price for 1 day each week, compiled by Production and Marketing Administration.<sup>3</sup> Compiled from Boletín Estadístico, Banco Central De La Republica Argentina, Buenos Aires (monthly).

Prices converted to cents per bushel of 56 pounds at current monthly rates of exchange as reported by the Federal Reserve Board.

<sup>4</sup> 2-month average.<sup>5</sup> 5-month average.<sup>6</sup> Preliminary.

Bureau of Agricultural Economics.

TABLE 60.—Corn futures: Volume of trading by contract markets, and annual average of month-end open contracts on all markets combined, 1938-47

Year beginning October—	Volume of trading						Average open contracts
	Chicago Board of Trade	Chicago Open Board of Trade	Kansas City Board of Trade	Milwaukee Grain Exchange	Minne- apolis Grain Exchange	Total	
	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>
1938.....	1,489.8	17.7	42.5	2.5	19.0	1,571.5	56.4
1939.....	1,040.1	12.0	33.5	1.0	19.3	1,105.9	36.4
1940.....	744.9	5.4	15.7	.4	12.0	778.4	25.9
1941.....	1,262.1	14.4	63.0	1.1	6.9	1,347.5	59.2
1942 <sup>1</sup> .....	477.1	5.1	31.1	.3	8.0	521.6	39.3
1943 <sup>2</sup> .....	30.5	.3	5.8	( <sup>3</sup> )	( <sup>3</sup> )	36.6	<sup>4</sup> 9.0
1944.....	477.4	5.7	31.3	.5	( <sup>3</sup> )	514.9	21.8
1945.....	168.7	5.8	1.5	.3	-----	176.3	13.6
1946.....	3,651.5	167.6	63.5	2.0	-----	3,874.6	46.9
1947 <sup>5</sup> .....	2,718.6	106.6	5.5	3.1	-----	2,833.8	52.0

<sup>1</sup> Trading suspended on all contract markets, June 25, 1943.<sup>2</sup> Trading resumed Aug. 30, 1944, on the Kansas City Board of Trade; Sept. 14, 1944, on the Chicago Board of Trade, Chicago Open Board of Trade, and Minneapolis Grain Exchange, and Sept. 15, 1944, on the Milwaukee Grain Exchange.<sup>3</sup> Less than 50,000 bushels.<sup>4</sup> 2-month average for Kansas City Board of Trade and September 30 figures for all other markets.<sup>5</sup> Through July 1948.

Commodity Exchange Authority. Compiled from daily reports from exchange clearing members.



TABLE 61.—*Corn futures: Highest and lowest prices per bushel, by date and future, Chicago Board of Trade, 1938-47*

Year beginning October—	Highest			Lowest		
	Price	Date	Future	Price	Date	Future
1938.....	<i>Cents</i> 63½	Sept. 7	1940 May	<i>Cents</i> 38½	{ July 25 July 26 }	{ 1939 Sept. 1939 Dec. }
1939.....	70	May 10	1940 Sept.	48½	Oct. 23	1940 Dec.
1940.....	91½	Sept. 12	1942 May	57½	Oct. 4	1941 Dec.
1941.....	99	{ July 14 July 15 }	{ 1943 May 1943 May }	66½	Oct. 16	1942 Dec.
1942.....	105	( <sup>1</sup> & <sup>2</sup> )	{ 1943 July 1943 Sept. }	78½	Oct. 29	1945 July
1943 <sup>4</sup> .....	116	Sept. 25	1944 Dec.	103½	Sept. 22	{ 1945 Dec. 1946 May }
1944.....	118½	( <sup>5</sup> )	{ 1945 May 1945 July 1945 Sept. 1945 Dec. 1946 May 1947 Jan. }	102½	{ Mar. 27 Mar. 31 }	1946 July
1945.....	173	July 15	1947 Mar.	114½	Oct. 4	1947 Sept.
1946.....	265¾	Sept. 15	1947 Sept.	122¾	Jan. 27	1948 Dec.
1947 <sup>6</sup> .....	270¾	Jan. 16	1948 May	147	July 31	

<sup>1</sup> October 1942—June 25, 1943 only. Trading suspended June 25, 1943.

<sup>2</sup> On regular trades. Under special regulations, high of 107 permitted for certain trades in connection with cash transactions and settlement of contracts.

<sup>3</sup> On numerous dates from March through June for the September future, April through June for the July future, and in April and May for the May future.

<sup>4</sup> Sept. 14-30, 1944, only. Trading resumed Sept. 14, 1944.

<sup>5</sup> On numerous dates between May 15 and August 2.

<sup>6</sup> Through July 1948.

Commodity Exchange Authority. Compiled from records of the Chicago Board of Trade. Data for 1929-36 in *Agricultural Statistics*, 1945, table 58. Highest and lowest prices during the period, Oct. 1, 1909 through July 31, 1948: High, \$2.70¾, May future, Jan. 16, 1948; low, \$0.20¾, Dec. future, Dec. 23, 1932.

TABLE 62.—Oats: Acreage, production, value, and foreign trade, United States, 1929-47

Year	Acreage seeded <sup>1</sup>	Acreage harvested for grain	Yield per harvested acre	Production	Season average price per bushel received by farmers	Farm value	Average price per bushel at Chicago, year beginning July <sup>2</sup>	Foreign trade, including year beginning July <sup>3</sup>		
								Domestic exports	Imports	Net exports <sup>4</sup>
	1,000 acres	1,000 acres	Bushels	1,000 bushels	Cents	1,000 dollars	Cents	1,000 bushels	1,000 bushels	1,000 bushels
1929		35,488	29.7	858,747						
1929	40,534	38,153	29.2	1,112,949	41.8	465,717	45	7,966	175	7,680
1930	42,608	39,847	32.0	1,274,592	32.2	409,990	36	3,123	659	2,464
1931	44,483	40,193	28.0	1,124,232	21.3	239,150	22	4,437	85	4,352
1932	45,549	41,700	30.1	1,254,584	15.7	196,383	19	5,361	28	5,333
1933	43,774	36,528	20.2	736,309	33.5	246,351	36	1,405	154	1,251
1934		24,689	18.7	458,780						
1934	40,467	29,455	18.5	544,247	48.1	261,548	48	1,147	15,645	<sup>5</sup> 14,498
1935	43,599	40,109	30.2	1,210,229	26.4	319,560	29	1,430	110	1,320
1936	41,934	35,654	25.6	792,583	44.9	355,941	43	912	208	704
1937	39,827	35,542	33.1	1,176,744	30.2	355,482	32	12,331	23	12,308
1938	39,390	36,042	30.2	1,089,383	23.8	258,773	28	5,106	1,025	4,081
1939		29,933	29.1	870,258						
1939	38,203	33,460	28.6	957,704	31.0	297,354	36	1,393	10,609	<sup>5</sup> 9,216
1940	39,315	35,431	35.2	1,246,450	30.3	377,319	35	1,256	10,224	<sup>5</sup> 8,968
1941	41,841	38,161	31.0	1,182,509	41.1	485,659	47	4,775	1,389	3,386
1942	43,018	38,197	35.2	1,342,681	48.8	655,738	51	3,184	58,788	<sup>5</sup> 55,604
1943	43,467	38,914	29.3	1,139,831	72.2	823,297	75	3,462	81,373	<sup>5</sup> 77,911
1944		35,425	29.4	1,041,118						
1944	43,804	39,672	28.0	1,149,200	70.9	815,389	73	5,016	68,671	<sup>5</sup> 63,655
1945	45,889	41,933	36.6	1,535,676	66.7	1,024,799	66	21,246	24,062	<sup>5</sup> 2,818
1946	46,549	43,205	34.7	1,497,904	81.0	1,213,755	89	18,096	967	17,129
1947 <sup>6</sup>	42,501	38,648	31.5	1,215,970	107.0	1,297,141	105			

<sup>1</sup> Estimates of seeded acreage relate to the total acreage of oats sown for all purposes, including oats sown in the preceding fall.

<sup>2</sup> Compiled from Chicago Daily Trade Bulletin, through May 1942; Chicago Journal of Commerce beginning June 1942; average of daily quotations for No. 3 white, weighted by carlot sales.

<sup>3</sup> Compiled from Monthly Summary of Foreign Commerce of the United States, January and June issues, and official records of the Department of Commerce. Oats—general imports, 1929-32; imports for consumption beginning 1933. Oatmeal—imports for consumption. Oats, unhulled, ground—imports for consumption, 1934 to date. Oatmeal converted to terms of grain on the basis that 18 pounds of meal is the product of 1 bushel of oats through December 1942, and 13.17 pounds thereafter.

<sup>4</sup> Total exports (domestic plus foreign) minus total imports. Beginning 1933, net exports are domestic exports minus imports for consumption.

<sup>5</sup> Net imports.

<sup>6</sup> Preliminary.

Bureau of Agricultural Economics. Italic figures are census returns. Data for 1899-1928 in Agricultural Statistics, 1942, table 86.

TABLE 63.—Oats: Acreage, production, and season average price per bushel received by farmers, by States, average 1936-45, annual 1946 and 1947

State and division	Acreage seeded <sup>1</sup>			Acreage harvested for grain			Production			Price for crop of—		
	Average			Average			Average			Average		
	1936-45	1946	1947 <sup>2</sup>	1936-45	1946	1947 <sup>2</sup>	1936-45	1946	1947 <sup>2</sup>	1936-45	1946	1947 <sup>2</sup>
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 bushels	1,000 bushels	1,000 bushels	Cents	Cents	Cents
Maine.....	105	76	85	97	71	75	3,576	2,840	2,625	63	101	123
New Hampshire.....	14	12	13	7	7	7	263	259	224	70	111	140
Vermont.....	79	69	56	50	45	30	1,588	1,530	810	70	111	140
Massachusetts.....	15	15	14	6	7	7	175	259	252	70	111	140
Rhode Island.....	4	4	4	1	1	1	37	32	33	70	110	140
Connecticut.....	15	18	16	5	7	5	153	252	175	70	112	140
New York.....	828	848	543	772	809	485	22,989	32,360	13,538	58	84	117
New Jersey.....	83	54	61	46	45	40	1,355	1,440	1,000	56	89	110
Pennsylvania.....	886	874	760	850	846	685	25,078	30,033	19,865	58	91	110
North Atlantic.....	2,000	1,970	1,542	1,833	1,838	1,335	55,215	69,005	38,322	58.7	88.8	115
Ohio.....	1,173	1,410	888	1,126	1,383	733	39,970	62,235	19,058	50	83	115
Indiana.....	1,413	1,471	1,265	1,308	1,412	1,144	42,145	55,068	34,320	47	80	107
Illinois.....	3,574	3,837	3,411	3,417	3,799	3,343	129,381	165,256	117,005	45	80	107
Michigan.....	1,382	1,596	1,117	1,315	1,580	1,090	45,662	71,890	38,150	50	81	115
Wisconsin.....	2,588	2,943	2,884	2,483	2,868	2,811	92,318	124,758	120,873	49	82	110
Minnesota.....	4,433	5,439	4,630	4,285	5,338	4,537	153,589	197,506	163,332	40	75	105
Iowa.....	5,526	5,785	5,669	5,332	5,642	5,473	189,046	211,571	180,606	44	77	108
Missouri.....	2,172	2,015	1,552	1,827	1,843	1,309	43,861	57,133	30,107	48	83	106
North Dakota.....	2,152	2,506	2,280	1,809	2,361	2,172	52,008	62,566	61,902	36	71	103
South Dakota.....	2,354	3,561	3,134	2,070	3,462	3,081	62,789	100,398	95,511	38	72	102
Nebraska.....	2,085	2,696	2,426	1,812	2,561	2,279	45,608	71,708	62,672	43	75	102
Kansas.....	1,744	1,495	1,510	1,526	1,423	1,395	35,492	40,556	40,455	47	82	106
North Central.....	30,596	34,754	30,766	28,310	33,672	29,367	931,865	1,220,649	963,994	43.8	77.9	107
Delaware.....	6	7	7	4	5	5	107	155	160	62	99	110
Maryland.....	43	46	45	37	36	38	1,098	1,254	1,216	60	101	112
Virginia.....	147	169	159	116	142	128	2,785	4,260	3,456	63	102	110
West Virginia.....	97	83	83	75	68	67	1,716	1,904	1,910	65	104	118
North Carolina.....	348	493	518	273	390	394	6,722	12,870	11,623	67	105	110
South Carolina.....	648	760	866	582	693	755	13,352	20,097	19,630	65	101	105
Georgia.....	691	806	887	539	619	644	11,347	16,404	16,100	67	109	110
Florida.....	50	160	160	18	40	30	297	720	600	82	138	160
South Atlantic.....	2,030	2,524	2,725	1,644	1,995	2,061	37,425	57,664	54,695	65.7	105	109
Kentucky.....	120	159	153	82	119	105	1,667	3,213	2,415	60	99	120
Tennessee.....	204	310	301	135	245	230	3,055	6,492	6,095	65	107	110
Alabama.....	277	302	311	180	226	221	3,821	5,537	5,083	72	123	115
Mississippi.....	277	422	502	244	341	416	7,785	10,571	12,480	60	108	115
Arkansas.....	388	379	470	257	255	311	6,418	7,650	9,641	58	107	112
Louisiana.....	110	150	180	89	110	124	2,621	2,640	3,348	60	116	114
Oklahoma.....	1,529	1,269	1,472	1,370	1,180	1,416	26,572	24,780	33,276	48	92	99
Texas.....	1,805	1,953	1,758	1,426	1,653	1,488	33,236	36,366	31,248	49	91	98
South Central.....	4,670	4,944	5,147	3,783	4,129	4,311	85,175	97,249	103,586	52.4	98.2	104
Montana.....	452	431	418	350	352	338	11,086	10,912	10,478	43	75	97
Idaho.....	220	185	187	174	164	172	6,958	7,216	7,568	44	81	103
Wyoming.....	157	174	171	120	153	153	3,495	4,666	5,049	47	76	96
Colorado.....	207	215	224	175	187	200	5,255	5,610	6,900	48	83	104
New Mexico.....	45	57	48	36	45	38	814	900	798	55	99	118
Arizona.....	23	29	32	8	12	12	241	336	336	60	100	115
Utah.....	50	51	49	42	41	44	1,735	1,763	2,112	51	95	105
Nevada.....	9	12	13	6	7	8	253	306	328	58	100	110
Washington.....	286	213	209	171	128	131	7,762	6,144	6,812	50	90	112
Oregon.....	460	420	428	296	292	298	9,527	9,782	10,132	52	94	113
California.....	464	570	542	151	190	180	4,479	5,700	4,860	56	101	119
Western.....	2,373	2,357	2,321	1,530	1,571	1,574	51,603	53,337	55,373	47.9	86.1	106
United States.....	41,669	46,549	42,501	37,101	43,205	38,648	1,161,282	1,497,904	1,215,970	46.0	81.0	103

<sup>1</sup> Estimates of seeded acreage relate to the total acreage of oats sown for all purposes, including oats sown in the preceding fall.

<sup>2</sup> Preliminary.

Bureau of Agricultural Economics.

### GRAINS, 1948

TABLE 64.—Oats: Acreage, yield per acre, and production in specified countries, year of harvest, average 1935-39, annual 1945-47<sup>1</sup>

Continent and country	Acreage *			Yield per acre *				Production				
	Average 1935-39	1945	1946	1947 *	Average 1935-39	1945	1946	1947 *	Average 1935-39	1945	1946	1947 *
North America:	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Bushels	Bushels	Bushels	Bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
	33,246	14,393	12,075	11,048	25.5	30.5	30.7	25.2	338,071	381,596	371,069	278,670
	29	81	77	74	10.6	18.7	22.0	23.3	465	1,516	1,695	1,722
	35,761	41,931	43,205	38,648	26.2	30.6	34.7	31.5	1,045,676	1,535,676	1,497,904	1,213,970
	49,040	56,410	55,390	46,770					1,384,000	1,919,000	1,871,000	1,404,000
Europe:	691	481	530	555	41.8	29.4	29.2	31.0	28,965	14,120	15,500	17,200
	548	460	519	618	74.7	65.2	70.0	67.1	40,946	3,500	8,000	7,000
	1,313	357	410	410	125.5	9.8	10.3	17.1	7,966	3,500	8,000	7,000
	1,830	1,482	1,550	1,442	46.4	82.6	39.1	39.1	85,000	68,536	58,000	60,000
	632	831	826	826	75.3	60.9	58.1	72.0	70,205	68,536	74,777	60,000
	571	834	831	826	68.8	60.9	58.1	57.5	39,265	50,803	46,250	47,000
	1,030	762	793	815	43.7	26.9	30.3	35.5	24,000	22,775	24,000	28,000
	5,089	5,856	6,300	6,670	40.6	32.1	41.9	33.7	318,633	187,804	269,762	225,000
	5,200	357	357	357	40.6	32.1	41.9	33.7	318,633	187,804	269,762	225,000
	588	522	590	590	35.9	22.6	27.3	21.7	30,042	11,781	13,440	13,000
	1,063	1,073	1,096	1,188	36.1	22.4	29.0	27.4	38,360	24,000	31,768	32,000
	65	65	61	61	44.8	43.1	48.8	45.9	2,910	2,239	2,884	2,818
	337	365	438	404	70.9	47.6	66.8	57.7	25,314	17,385	26,266	23,110
	212	211	206	210	61.0	49.2	59.3	55.7	12,940	10,382	12,208	11,700
	4,900	667	627	580	41.6	7.2	30.2	12.1	204,000	4,793	12,657	7,000
	1,607	1,637	1,637	1,637	40.8	12.6	26.9	21.0	5,555	37,360	30,700	35,000
	1,620	1,341	1,313	1,308	53.1	38.8	41.1	35.8	87,198	52,008	53,830	46,832
	1,641	1,341	1,313	1,308	53.1	38.8	41.1	35.8	87,198	52,008	53,830	46,832
	28	109	90	85	56.9	69.4	61.2	61.2	1,593	7,565	6,500	5,300
	2,431	3,752	3,567	3,300	57.0	60.5	57.0	53.1	138,628	227,130	203,210	175,525
883				24.5				21,900				
Estimated total *	35,900	31,030	32,140	33,100					1,606,000	1,170,000	1,308,000	1,226,000
U. S. S. R. (Europe and Asia)	40,500		33,500	36,000	23.5		17.9	22.8	1,165,000		602,000	820,000
Asia:	24	648	644	672	27.6	12.9	10.1	10.1	662	8,374	16,805	16,805
	636	2,205	2,174	2,174	26.6	20.2	24.2	24.2	16,805	44,588	52,697	52,697
	2,582	310	310	310	37.0				11,481	41,481	41,481	41,481
	242				11.2				2,718			
	3,990	4,230	3,820	3,910					96,000	88,000	82,000	89,000
Estimated total *												

<b>South America:</b>										
Argentina.....	1,974	1,830	1,900	25.4	30.0	23.7	50,182	54,881	47,158	40,000
Chile.....	270	198	205	27.5	29.2	22.6	7,670	5,787	4,641	6,189
Uruguay.....	213	177	107	14.6	14.6	13.2	3,100	2,590	1,410	2,203
Estimated total *	2,460	2,240	2,330				62,000	64,000	54,000	49,000
<b>Africa:</b>										
Algeria.....	465	538	324	23.4	6.5	27.7	10,859	8,500	8,970	6,500
French Morocco.....	104	108	63	26.5	5.1	38.2	2,751	2,451	2,025	2,400
Tunisia.....	84	85	75	19.9	10.6	16.0	1,674	909	1,200	600
Union of South Africa.....	18 644	900	781	10 13.3	10.1	10.5	6,966	9,121	8,234	12,155
Estimated total *	1,200	1,640	1,240				22,000	14,000	21,000	22,000
<b>Oceania:</b>										
Australia.....	1,803	1,940	1,740	14.7	16.5	11.1	29,351	32,218	19,312	35,000
New Zealand.....	63	57	43	56.2	61.3	58.1	3,539	3,486	2,600	2,600
Total.....	1,666	2,006	1,783				26,890	35,714	21,812	37,600
Estimated world total *	143,700	129,600	130,170				4,362,000	3,921,000	3,938,000	3,740,000

\* Years shown refer to years of harvest in the Northern Hemisphere. Harvests of Northern Hemisphere countries are combined with those of the Southern Hemisphere in which immediately follow; thus, the crop harvested in the Northern Hemisphere in 1947 is combined with estimates for the Southern Hemisphere harvests which began late in 1947 and ended early in 1948.

\* Figures refer to harvested areas as far as possible.

\* Yield per acre calculated from acreage and production data shown, except for incomplete periods.

\* Revised estimates for Northern Hemisphere countries; for Southern Hemisphere preliminary forecasts.

\* Production and yield reported in bushels of 34 pounds.

\* Estimated totals, which in the case of production are rounded to millions, include allowances for any missing data for countries shown and for other producing countries not shown.

\* Estimate not adjusted to take account of inclusion of Southern Dobrudja and is, therefore, not strictly comparable with estimates shown for later years.

\* Figure for 1948 only.

\* Includes estimate for Lebanon.

\* Average of less than 5 years.

Office of Foreign Agricultural Relations. Prepared or estimated on the basis of official statistics of foreign governments, reports of United States foreign service officers, results of office research, or other information. Freewar estimates for countries having changed boundaries have been adjusted to conform to present boundaries, except as noted.

TABLE 65.—Oats: Production and farm disposition, United States, 1938-47

Crop of—	Production	Feed and seed	Sold	Crop of—	Production	Feed and seed	Sold
	1,000 bushels	1,000 bushels	1,000 bushels		1,000 bushels	1,000 bushels	1,000 bushels
1938.....	1,089,383	915,567	173,816	1943.....	1,139,831	916,291	223,540
1939.....	957,704	791,932	165,772	1944.....	1,149,260	898,207	251,053
1940.....	1,246,450	1,024,959	221,491	1945.....	1,535,676	1,144,697	390,979
1941.....	1,182,509	960,345	222,164	1946.....	1,497,904	1,116,334	381,570
1942.....	1,342,681	1,101,344	241,337	1947 <sup>1</sup> .....	1,215,970	874,147	341,823

<sup>1</sup> Preliminary.

Bureau of Agricultural Economics. Disposition of the crop specified and not disposition within the marketing year. Estimates of farm disposition represent portions of the crop used or to be used for the designated purposes on farms where produced and do not include purchases by farmers from others for such purposes.

TABLE 66.—Oats: Production and farm disposition, by States, crops of 1946 and 1947

State	Crop of 1946			Crop of 1947 <sup>1</sup>		
	Production	Feed and seed	Sold	Production	Feed and seed	Sold
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
Maine.....	2,840	2,329	511	2,625	2,047	578
New Hampshire.....	259	246	13	224	220	4
Vermont.....	1,530	1,484	46	810	769	41
Massachusetts.....	259	256	3	252	249	3
Rhode Island.....	32	32		33	33	
Connecticut.....	252	251		175	174	
New York.....	32,360	30,418	1,942	13,338	12,538	800
New Jersey.....	1,440	1,375	65	1,000	955	45
Pennsylvania.....	30,033	26,729	3,304	19,865	17,481	2,384
Ohio.....	62,235	47,921	14,314	19,058	15,628	3,430
Indiana.....	55,068	42,953	12,115	34,320	23,338	10,982
Illinois.....	165,256	94,196	71,060	117,005	63,183	53,822
Michigan.....	71,890	60,388	11,502	38,150	30,902	7,248
Wisconsin.....	124,758	113,530	11,228	120,873	107,577	13,296
Minnesota.....	197,506	152,080	45,426	163,332	120,866	42,466
Iowa.....	211,575	162,913	48,662	180,609	126,426	54,183
Missouri.....	57,133	45,706	11,427	30,107	24,688	5,419
North Dakota.....	62,566	40,668	21,898	61,902	38,998	22,904
South Dakota.....	100,398	64,255	36,143	95,511	63,992	31,519
Nebraska.....	71,708	56,649	15,059	62,672	49,511	13,161
Kansas.....	40,556	30,823	9,733	40,455	30,746	9,709
Delaware.....	155	147	8	160	142	18
Maryland.....	1,254	1,154	100	1,216	1,119	97
Virginia.....	4,260	3,664	596	3,456	3,041	415
West Virginia.....	1,904	1,809	95	1,910	1,834	76
North Carolina.....	12,870	10,425	2,445	11,623	8,602	3,021
South Carolina.....	20,097	13,063	7,034	19,630	11,974	7,656
Georgia.....	16,404	11,483	4,921	16,100	11,270	4,830
Florida.....	720	670	50	600	558	42
Kentucky.....	3,213	2,763	450	2,415	2,005	410
Tennessee.....	6,492	4,804	1,688	6,095	4,449	1,646
Alabama.....	5,537	3,687	1,550	5,085	4,066	1,017
Mississippi.....	10,571	9,091	1,480	12,480	9,610	2,870
Arkansas.....	7,650	5,967	1,683	9,641	7,530	2,121
Louisiana.....	2,640	2,191	489	3,348	2,611	737
Oklahoma.....	24,780	17,594	7,186	33,276	26,621	6,655
Texas.....	36,366	19,274	17,092	31,248	17,186	14,062
Montana.....	10,912	8,402	2,510	10,478	8,382	2,096
Idaho.....	7,216	4,041	3,175	7,568	4,389	3,179
Wyoming.....	4,666	3,360	1,306	5,049	3,122	1,927
Colorado.....	5,610	4,600	1,010	6,900	5,106	1,794
New Mexico.....	900	465	788	399	399	
Arizona.....	336	134	202	336	128	208
Utah.....	1,763	1,587	176	2,112	1,605	507
Nevada.....	308	213	95	328	230	98
Washington.....	6,144	3,564	2,580	6,812	3,474	3,338
Oregon.....	9,782	5,771	4,011	10,132	5,370	4,762
California.....	5,700	969	4,731	4,860	923	3,937
United States.....	1,497,904	1,116,334	381,570	1,215,970	874,147	341,823

<sup>1</sup> Preliminary.

Bureau of Agricultural Economics. Disposition of the crop specified and not disposition within the marketing year. Estimates of farm disposition represent portions of the crop used or to be used for the designated purposes on farms where produced and do not include purchases by farmers from others for such purposes.

TABLE 67.—Oats: Stocks on and off farms, United States, 1938-47

Year beginning October—	On farms				Off farms <sup>1</sup>			
	Oct. 1	Jan. 1	Apr. 1	July 1 <sup>2</sup>	Oct. 1	Jan. 1	Apr. 1	July 1 <sup>2</sup>
	1,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.
1938.....	881,690	706,730	420,264	190,322	.....	.....	.....	.....
1939.....	775,579	602,698	350,334	145,261	.....	.....	.....	.....
1940.....	1,031,898	795,277	471,217	219,553	.....	.....	.....	.....
1941.....	956,770	751,016	431,703	192,165	.....	.....	.....	.....
1942.....	1,117,032	874,238	500,245	232,561	.....	.....	38,589	26,470
1943.....	928,927	702,838	414,372	184,969	60,474	47,821	26,354	23,099
1944.....	932,761	734,449	421,834	207,317	60,456	49,739	37,844	27,096
1945.....	1,277,410	976,631	571,372	274,862	99,379	88,444	54,203	16,850
1946.....	1,147,713	892,282	532,895	257,099	65,803	42,150	34,675	19,213
1947 <sup>3</sup> .....	964,340	743,783	410,644	171,479	74,707	46,633	26,295	13,875

<sup>1</sup> Includes stocks in interior mills, elevators, and warehouses, and commercial stocks at terminals.<sup>2</sup> Includes old crop only.<sup>3</sup> Preliminary.

Bureau of Agricultural Economics. Data for stocks on farms, 1926-37, in Agricultural Statistics, 1943, table 52.

TABLE 68.—Oats: Receipts graded by licensed inspectors, by grades, United States, 1937-46

Year beginning July—	No. 1	No. 2	No. 3	No. 4	Sample	Total	Percentage grading No. 3 or better
	1,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.	Percent
1937.....	28,606	62,042	42,694	10,116	5,060	148,518	90
1938.....	11,526	38,352	52,722	19,846	10,280	132,726	77
1939.....	9,286	27,372	38,840	19,156	11,658	106,312	71
1940.....	31,904	24,682	28,462	11,144	7,856	104,048	82
1941.....	36,236	24,642	35,122	26,964	6,816	129,780	74
1942.....	29,208	44,050	52,032	36,092	7,174	168,556	74
1943.....	19,504	40,612	66,470	46,684	12,756	186,026	68
1944.....	23,340	44,263	75,648	50,112	14,398	207,761	69
1945.....	79,627	87,984	114,566	42,487	12,304	336,968	84
1946.....	100,937	71,590	67,406	41,658	21,437	303,028	79

Production and Marketing Administration. The quantity loaded per car varies, but carlot receipts have been converted to bushels on the basis of 2,000 bushels per car for the years 1937-43 and 2,400 bushels for the years 1944-46.



TABLE 69.—Oats: Supply and distribution, United States, 1939-48

Year beginning July—	Carry-over July 1				Production	Imports <sup>3</sup>	Total supply
	Farm	Terminal market <sup>1</sup>	Interior mills, elevators, and ware- houses	Total			
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1939 .....	190,322	5,695	—	196,017	957,704	10,610	* 1,164,331
1940 .....	145,261	3,130	—	* 148,391	1,246,450	10,224	* 1,405,065
1941 .....	219,553	3,906	—	* 223,459	1,182,509	1,305	* 1,407,273
1942 .....	192,165	2,109	—	* 194,274	1,342,681	58,787	* 1,595,742
1943 .....	232,561	7,746	18,724	259,031	1,139,831	81,374	1,480,236
1944 .....	184,969	6,547	16,552	208,068	1,149,260	68,672	1,426,000
1945 .....	207,317	9,604	17,492	234,413	1,635,676	24,062	1,794,151
1946 .....	274,862	3,153	13,697	291,712	1,497,904	967	1,790,583
1947 .....	257,099	5,038	14,175	276,312	1,215,970	1,672	1,493,954
1948 <sup>4</sup> .....	171,479	1,841	12,034	185,354	—	—	—

DISTRIBUTION							
Year beginning July—	Breakfast foods <sup>5</sup>	Seed <sup>6</sup>	Feed, other uses, and waste <sup>7</sup>	Exports <sup>8</sup>	Total dis- appear- ance	Domestic disappear- ance <sup>9</sup>	Stocks at end of year
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1939 .....	29,713	92,390	893,633	204	1,015,940	1,014,547	* 143,391
1940 .....	30,972	96,326	1,052,150	158	1,181,606	1,180,350	* 223,459
1941 .....	34,000	102,383	1,076,012	604	1,212,999	1,208,224	* 194,274
1942 .....	44,000	103,451	1,207,706	275	1,355,435	1,352,251	* 240,307
1943 .....	44,000	104,254	1,123,686	228	1,272,168	1,268,706	208,068
1944 .....	46,000	109,216	1,036,121	250	1,191,587	1,186,571	234,413
1945 .....	50,000	110,787	1,323,361	18,291	1,502,439	1,481,195	291,712
1946 .....	60,000	101,152	1,342,788	<sup>10</sup> 20,331	1,514,271	1,489,945	276,312
1947 <sup>4</sup> .....	60,000	107,609	1,139,696	<sup>10</sup> 11,295	1,308,600	1,288,035	185,354

<sup>1</sup> Commercial stocks at terminal markets.<sup>2</sup> Compiled from reports of the Bureau of Foreign and Domestic Commerce and Bureau of the Census. Imports include grain equivalent of oatmeal; exports are grain only.<sup>3</sup> Exclusive of stocks at interior mills, elevators, and warehouses, data for which are not available.<sup>4</sup> Preliminary.<sup>5</sup> Used in production of cereal preparations; based on data published for calendar years by the Census of Manufactures and the War Food Administration.<sup>6</sup> Based on area seeded to the following crop.<sup>7</sup> Residual, mostly feed.<sup>8</sup> Total disappearance, minus exports of oats and grain equivalent of oatmeal exported.<sup>9</sup> Excludes interior mill, elevator, and warehouse stocks, for computing 1942-43 disappearance.<sup>10</sup> Includes exports for military civilian feeding abroad

Bureau of Agricultural Economics.



TABLE 70.—Oats: Estimated cost of production, by selected States and groups of States, 1938-46<sup>1</sup>

State or group	Average 1938-46		Net cost per acre, including rent								
	Acreage harvested	Yield per acre <sup>2</sup>	1938	1939	1940	1941	1942	1943	1944	1945	1946
	1,000 acres	Bushels	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
Eastern											
North <sup>3</sup>	2,283	30.3	19.06	18.70	19.79	20.72	24.57	25.78	28.47	29.80	32.54
South <sup>4</sup>	1,909	24.7	13.33	13.18	13.57	14.62	16.90	18.82	21.78	24.01	26.03
Ohio and Indiana	2,455	35.6	13.83	14.59	15.54	16.92	19.45	20.41	22.80	24.23	26.70
Michigan, Wisconsin, and Minnesota	8,331	38.3	13.87	13.89	14.91	14.83	19.33	20.95	22.83	23.97	25.21
Illinois and Iowa	8,672	36.6	13.65	14.03	15.33	16.18	18.94	20.93	23.28	23.74	26.04
Missouri, Nebraska, Kansas, South Dakota, and North Dakota	9,713	28.1	10.30	10.10	10.55	11.64	14.25	15.97	17.74	18.70	19.80
Southwestern <sup>5</sup>	3,154	22.4	10.98	10.94	11.35	12.42	15.34	16.65	17.78	18.54	19.85
Western <sup>6</sup>	1,588	34.3	17.60	17.42	17.20	18.52	22.07	25.64	28.18	29.14	30.57
United States	38,105	32.5	13.20	13.30	14.05	14.80	17.99	19.54	21.61	22.62	24.27
Net cost per bushel, including rent											
Eastern:											
North <sup>3</sup>			0.60	0.63	0.58	0.67	0.76	1.27	0.98	1.02	.93
South <sup>4</sup>			.58	.57	.61	.60	.77	.84	.81	.89	.91
Ohio and Indiana			.47	.51	.35	.40	.50	.87	.79	.57	.64
Michigan, Wisconsin, and Montana			.42	.38	.34	.50	.44	.69	.62	.52	.63
Illinois and Iowa			.42	.46	.36	.45	.49	.59	.77	.57	.65
Missouri, Nebraska, Kansas, South Dakota, and North Dakota			.40	.49	.41	.43	.44	.55	.69	.59	.69
Southwestern <sup>5</sup>			.47	.54	.45	.56	.75	.87	.77	.84	.89
Western <sup>6</sup>			.55	.52	.57	.53	.59	.67	.78	.88	.90
United States			.44	.47	.40	.48	.51	.66	.73	.62	.70

<sup>1</sup> Costs for each year indicated are based on average oat yields for that year, and on prevailing cost rates for labor, farm power, materials, equipment, and land rent during the year.

<sup>2</sup> Yield per acre is a weighted average.

<sup>3</sup> Includes the 6 New England States, New York, New Jersey, Pennsylvania, Delaware, Maryland, Virginia, West Virginia, Kentucky, and Tennessee.

<sup>4</sup> Includes North Carolina, South Carolina, Georgia, Florida, Alabama, and Mississippi.

<sup>5</sup> Includes Arkansas, Louisiana, Oklahoma, and Texas.

<sup>6</sup> Includes Montana, Idaho, Wyoming, Colorado, New Mexico, Arizona, Utah, Nevada, Washington, Oregon, and California.

Bureau of Agricultural Economics. See also table 683.

816939-49-5

TABLE 71.—Oat futures: Volume of trading by contract markets and annual average of month-end open contracts on all markets combined, 1938-47

Year beginning July—	Volume of trading						Average open contracts
	Chicago Board of Trade	Chicago Open Board of Trade	Minneapolis Grain Exchange	Milwaukee Grain Exchange	Kansas City Board of Trade	Total	
	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels <sup>(1)</sup>	Million bushels	Million bushels
1938.....	270.8	1.8	55.9	1.1	.....	329.6	15.9
1939.....	359.2	2.9	68.4	.9	.....	431.4	15.9
1940.....	182.8	.6	64.3	.8	.....	248.5	11.9
1941.....	433.8	1.4	86.8	1.8	.2	524.0	15.7
1942.....	484.8	3.9	120.9	1.0	.....	610.6	19.4
1943.....	601.5	11.9	111.7	1.3	.....	728.4	20.3
1944.....	835.2	12.2	140.8	2.0	.....	1,090.2	27.2
1945.....	2,127.5	64.0	244.4	2.9	.....	2,438.8	54.0
1946.....	3,445.9	163.4	292.0	4.3	.....	3,905.6	44.9
1947.....	2,365.6	31.3	260.1	2.6	.....	2,668.6	45.0

<sup>1</sup> Less than 50,000 bushels.

Commodity Exchange Authority. Compiled from daily reports from exchange clearing members.

TABLE 72.—Barley: Acreage, production, value, and foreign trade, United States, 1929-47

Year	Acreage seeded <sup>1</sup>	Acreage harvested for grain	Yield per harvested acre	Production	Season average price per bushel received by farmers	Farm value	Price per bushel at Minneapolis, year beginning August <sup>2</sup>	Foreign trade, including barley, flour and malt, year beginning July <sup>3</sup>		
								Domes- tic ex- ports	Im- ports <sup>4</sup>	Net exports
	1,000 acres	1,000 acres	Bushels	1,000 bushels	Cents	1,000 dollars	Cents	1,000 bushels	1,000 bushels	1,000 bushels
1929.....	12,891	12,891	20.4	263,590	.....	.....	.....	.....	.....	.....
1929.....	14,703	13,564	20.7	280,637	53.9	151,134	56	24,054	41	24,013
1930.....	13,581	12,629	23.9	301,619	40.5	122,178	46	11,443	1,413	10,030
1931.....	13,820	11,181	17.9	200,280	32.8	65,616	46	5,460	1,509	3,960
1932.....	14,555	13,206	22.7	299,394	22.1	66,178	34	9,399	1,406	7,993
1933.....	14,200	9,641	15.9	152,839	43.4	66,349	65	6,111	4,560	1,551
1934.....	.....	6,193	17.8	110,045	.....	.....	.....	.....	.....	.....
1934.....	12,024	6,577	17.8	117,390	68.6	80,521	94	4,126	18,229	*14,113
1935.....	13,956	12,436	23.2	288,667	37.9	109,372	59	9,926	7,885	2,041
1936.....	12,837	8,329	17.7	147,740	78.2	115,461	115	5,269	28,763	*23,494
1937.....	12,346	9,969	22.3	221,889	54.2	120,257	68	17,775	5,853	11,922
1938.....	12,171	10,610	24.2	256,620	36.8	94,336	48	11,292	3,062	8,230
1939.....	12,024	11,024	21.7	280,981	.....	.....	.....	.....	.....	.....
1939.....	15,513	12,739	21.8	278,193	40.5	112,541	49	4,827	2,694	2,133
1940.....	15,089	13,526	23.0	311,278	*39.7	123,543	48	1,987	2,335	*348
1941.....	15,857	14,275	25.4	362,568	*52.9	191,741	65	3,421	2,323	*1,098
1942.....	19,686	16,958	25.3	429,450	*63.2	271,231	78	2,180	27,245	*25,067
1943.....	17,474	14,000	21.7	322,913	*99.1	319,571	121	2,978	41,179	*38,199
1944.....	.....	11,694	22.4	261,425	.....	.....	.....	.....	.....	.....
1944.....	14,337	12,301	22.4	276,112	101.0	280,251	119	4,695	37,932	*33,237
1945.....	11,718	10,466	25.5	266,833	102.0	271,460	128	9,259	5,814	3,445
1946.....	11,527	10,411	25.2	262,258	136.0	356,657	174	6,668	4,286	2,382
1947 <sup>5</sup>	12,030	10,947	25.5	279,182	174.0	486,658	222	.....	.....	.....

<sup>1</sup> Estimates of seeded acreage relate to the total acreage of barley sown for all purposes, including barley sown in the preceding fall.<sup>2</sup> No. 3 barley, average of daily prices weighted by carlot sales, as reported in the Minneapolis Daily Market Record. Replaces price previously reported for No. 2 malting.<sup>3</sup> Compiled from Monthly Summary of Foreign Commerce of the United States, January and June issues, and official records of the Department of Commerce. Malt converted to terms of barley on the basis that 1.1 bushels of malt is the product of 1 bushel of barley through 1943; beginning 1944, 1 bushel malt equals 1 bushel grain. Barley flour converted on the basis that 1 barrel of flour is the product of 9 bushels of barley.<sup>4</sup> Imports for consumption.<sup>5</sup> Domestic exports minus imports for consumption.<sup>6</sup> Net imports.<sup>7</sup> Includes an allowance for unredeemed loans at average loan value.<sup>8</sup> Preliminary.

Bureau of Agricultural Economics. Italic figures are census returns. Data for 1899-1928 in Agricultural Statistics, 1942, table 103.

TABLE 73.—Barley: Acreage, production, and season average price per bushel received by farmers, by States, average 1936-45, annual 1946 and 1947

State and division	Acreage seeded <sup>1</sup>			Acreage harvested for grain			Production			Price for crop of—		
	Average 1936-45	1946	1947 <sup>2</sup>	Average 1936-45	1946	1947 <sup>2</sup>	Average 1936-45	1946	1947 <sup>2</sup>	Average 1936-45 <sup>3</sup>	1946	1947 <sup>3</sup>
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 bushels	1,000 bushels	1,000 bushels	Cents	Cents	Cents
Maine.....	4	4	4	4	4	4	111	128	112	91	142	185
Vermont.....	5	2	1	5	2	1	132	56	19	94	164	205
New York.....	135	116	101	126	114	91	3,084	3,648	2,184	82	137	175
New Jersey.....	7	10	13	6	9	12	173	324	396	83	155	163
Pennsylvania.....	111	109	125	108	108	123	3,140	3,942	4,059	78	153	155
North Atlantic.....	262	241	244	249	237	231	6,630	8,008	6,770	79.8	146	163
Ohio.....	33	18	16	31	17	15	784	502	390	68	134	145
Indiana.....	54	27	21	48	25	20	1,164	600	520	72	135	145
Illinois.....	118	26	25	104	24	23	2,862	624	656	76	139	162
Michigan.....	190	139	121	182	138	115	5,023	5,037	3,450	70	147	190
Wisconsin.....	573	125	160	553	124	159	16,032	4,650	5,962	84	154	218
Minnesota.....	1,645	738	1,018	1,562	733	975	38,915	21,257	25,838	68	146	212
Iowa.....	276	13	36	268	13	34	6,988	410	799	65	135	190
Missouri.....	176	77	74	136	63	63	2,677	1,260	1,449	75	140	155
North Dakota.....	2,178	2,357	2,475	1,809	2,284	2,398	38,287	45,680	50,358	58	139	195
South Dakota.....	1,936	1,464	1,508	1,576	1,377	1,432	26,752	30,294	31,504	62	139	195
Nebraska.....	1,372	613	533	1,130	549	467	20,768	11,529	10,274	61	120	155
Kansas.....	1,028	360	328	761	287	290	12,051	5,022	6,380	62	125	183
North Central.....	9,578	5,957	6,315	8,160	5,634	5,991	175,304	126,865	137,580	66.2	139	193
Delaware.....	6	11	13	6	10	12	178	305	366	78	145	147
Maryland.....	64	69	79	62	63	77	1,748	2,174	2,618	76	144	145
Virginia.....	70	73	86	67	71	84	1,726	2,272	2,478	80	146	145
West Virginia.....	9	7	8	9	7	8	226	203	236	80	153	165
North Carolina.....	33	37	43	26	30	35	598	825	980	97	161	168
South Carolina.....	19	24	27	16	21	24	325	546	624	104	182	175
Georgia.....	4	6	7	4	6	7	140	129	154	113	188	190
South Atlantic.....	207	227	263	191	208	247	4,880	6,454	7,456	82.3	151	152
Kentucky.....	95	71	71	67	50	53	1,531	1,250	1,325	80	142	147
Tennessee.....	87	100	88	72	82	77	1,404	1,640	1,617	85	152	150
Alabama.....	3	3	2	3	2	1	36	18	18	158	160	160
Mississippi.....	4	3	3	4	2	2	471	48	46	93	153	157
Arkansas.....	12	8	5	10	5	3	174	98	60	84	154	162
Oklahoma.....	432	156	140	346	130	120	5,682	1,826	2,160	64	125	143
Texas.....	322	206	171	228	174	144	3,913	2,610	2,520	62	130	135
South Central.....	953	547	480	727	445	400	12,776	7,502	7,746	68.2	137	143
Montana.....	363	821	821	326	780	780	8,486	17,550	17,940	61	118	143
Idaho.....	278	285	322	259	267	310	9,139	9,345	11,625	62	117	150
Wyoming.....	111	162	162	93	150	152	2,683	4,500	4,712	66	114	145
Colorado.....	719	683	669	581	593	605	13,474	13,936	16,940	63	123	153
New Mexico.....	31	36	42	24	30	36	489	600	702	69	142	150
Arizona.....	89	161	161	45	85	104	1,533	2,975	3,848	73	136	147
Utah.....	111	113	113	106	108	108	4,625	4,860	5,076	69	131	150
Nevada.....	15	22	22	17	20	20	690	680	740	78	144	153
Washington.....	185	100	114	156	90	104	5,731	3,375	3,640	66	128	160
Oregon.....	250	302	338	211	278	314	6,574	9,452	11,147	73	132	170
California.....	1,606	1,870	1,964	1,261	1,486	1,545	34,436	46,066	43,260	71	143	165
Western.....	3,762	4,555	4,728	3,080	3,887	4,078	87,760	113,339	119,630	67.0	131	157
United States.....	14,763	11,527	12,030	12,407	10,411	10,947	287,360	262,258	279,182	66.8	136	174

<sup>1</sup> Estimates of seeded acreage relate to the total acreage of barley sown for all purposes, including barley sown in the preceding fall.

<sup>2</sup> Preliminary.

<sup>3</sup> For certain years, prices include an allowance or unredeemed loans at average loan value.

<sup>4</sup> Short-turf acreage.

Bureau of Agricultural Economics.

TABLE 74.—Barley: Acreage, yield per acre, and production in specified countries, year of harvest, average 1935-39, annual 1945-47<sup>1</sup>

Continent and country	Acreage <sup>2</sup>				Yield per acre <sup>3</sup>				Production			
	Average 1935-39	1945	1946	1947 <sup>4</sup>	Average 1935-39	1945	1946	1947 <sup>4</sup>	Average 1935-39	1945	1946	1947 <sup>4</sup>
North America:												
Canada.....	1,000 4,291	1,000 7,350	1,000 6,238	1,000 7,465	Bushels 20.7	Bushels 21.5	Bushels 23.8	Bushels 18.9	1,000 88,882	1,000 157,757	1,000 145,887	1,000 141,372
Mexico.....	1,000 10,817	1,000 10,463	1,000 10,411	1,000 10,947	Bushels 22.1	Bushels 25.5	Bushels 25.2	Bushels 25.3	1,000 238,122	1,000 268,883	1,000 262,238	1,000 279,182
United States.....	1,000 10,817	1,000 10,463	1,000 10,411	1,000 10,947	Bushels 22.1	Bushels 25.5	Bushels 25.2	Bushels 25.3	1,000 238,122	1,000 268,883	1,000 262,238	1,000 279,182
Estimated total <sup>5</sup> .....	15,490	18,220	17,090	18,800					331,500	420,800	416,300	425,000
Europe:												
Austria.....	411	259	310	300	32.5	22.3	20.0	20.7	13,338	5,787	6,200	6,200
Belgium.....	74	180	170	237	48.2	36.1	47.6	42.6	3,570	8,100	8,100	10,104
Bulgaria.....	6,535	421	554	725	28.4	11.9	23.5	16.6	15,108	5,000	13,000	12,000
Czechoslovakia.....	1,946	1,007	1,025	1,146	52.9	57.4	61.8	51.3	52,881	57,825	63,382	61,085
Denmark.....	1,000	1,007	1,025	1,146	52.9	57.4	61.8	51.3	52,881	57,825	63,382	61,085
Eire.....	118	170	144	146	45.9	41.1	41.7	42.5	5,413	6,965	6,000	6,200
Finland.....	280	341	344	330	28.2	22.0	23.3	24.2	7,900	7,500	8,000	8,000
France.....	1,897	1,080	1,807	2,360	27.9	20.5	27.0	23.3	53,015	34,500	48,803	55,000
Germany.....	3,120	338	405	447	41.7	12.7	18.1	13.9	130,000	4,300	7,350	6,200
Greece.....	511	405	447	447	18.1	12.7	18.1	13.9	9,267	4,300	7,350	6,200
Hungary.....	1,163	1,388	1,275	1,300	25.9	15.9	15.9	16.9	30,178	22,138	20,267	22,000
Italy.....	480	589	590	610	20.8	11.5	18.0	15.6	10,000	6,800	10,608	9,500
Netherlands.....	107	118	153	169	53.1	36.1	52.9	48.6	5,983	4,260	8,100	8,217
Norway.....	143	102	100	99	38.2	36.3	40.5	37.4	5,467	3,705	4,046	3,700
Poland.....	2,570	305	305	325	29.6	7.3	15.9	9.2	76,000	2,217	4,837	3,000
Portugal.....	175	305	305	325	10.2	7.3	15.9	9.2	1,783	2,217	4,837	3,000
Rumania.....	2,030	3,765	3,674	3,825	13.8	8.8	23.9	18.3	28,000	33,000	87,876	70,000
Spain.....	4,549	3,765	3,674	3,825	21.3	33.6	38.0	33.7	97,059	7,751	8,396	8,312
Sweden.....	252	231	221	247	30.5	33.1	44.5	42.7	3,430	3,472	3,200	2,500
Switzerland.....	13	78	75	74	39.2	44.4	42.7	36.7	36,596	98,373	91,625	75,530
United Kingdom.....	934	2,215	2,211	2,060	39.2	44.4	41.4	36.7	36,596	98,373	91,625	75,530
Yugoslavia.....	1,045				18.0				18,800			
Estimated total <sup>5</sup> .....	22,980	21,020	21,360	23,170					663,000	485,000	585,000	590,000
U. S. S. R. (Europe and Asia).....	26,600		17,000	20,900	16.0		12.4	15.1	425,000		210,000	310,000
Asia:												
Iran.....	1,545	1,650	1,625	1,700	23.1	25.1	24.5	21.0	35,728	41,336	39,788	35,636
Iraq.....	1,934	2,008	2,000	2,100	14.8	14.9	14.2	13.8	31,677	29,854	28,470	26,000
Lebanon.....	751	577	54	54	5.7	5.7	5.7	5.7	3,238	3,238	3,238	3,238
Sri Lanka.....	793	860	916	916	9.9	13.2	14.2	14.2	9,153	11,370	12,970	12,970
Turkey.....	4,592	4,016	4,016	4,529	20.9	10.5	21.2	15.8	96,129	42,912	85,000	71,666
China.....	10,000	15,000	17,224	16,887	21.7	19.7	19.9	18.8	217,000	295,000	342,147	316,962
Manchuria.....	222	251			25.1	14.7			1,462	3,060		

India and Pakistan.....	6,268	6,520	6,727	1,933	16.5	16.5	14.5	103,619	107,893	97,346	106,073
Japan.....	1,801	2,169	1,930	1,933	34.6	23.5	18.5	65,436	51,004	35,769	47,518
Korea.....	2,674				19.5			52,046			
Estimated total <sup>1</sup> .....	37,690	36,900	38,530	38,950				776,000	657,000	705,000	685,000
South America:											
Argentina.....	1,286	1,739	2,427	150	17.6	22.1	22.2	22,586	38,378	53,801	37,000
Chile.....	184	110	147	66	27.4	31.3	30.9	5,041	3,446	4,541	5,202
Uruguay.....	44	60	46		14.8	12.5	11.4	649	748	4,526	674
Estimated total <sup>1</sup> .....	1,970	2,430	3,100	3,050				36,000	52,000	68,000	53,000
Africa:											
Algeria.....	3,081	2,375	1,725	2,125	10.9	3.0	17.7	33,122	7,100	30,600	19,000
Angola.....	273	246	254		38.8	32.3	32.1	35.7	12,015	8,157	7,793
Benin.....	4,448	3,875	2,300	3,850	12.0	2.3	13.4	53,270	9,000	30,800	58,000
Tunisia.....	1,182	1,236	1,203	1,000	7.7	4.3	6.0	9,648	5,282	7,165	5,000
Union of South Africa.....	1,79	150	105	105	18.4	12.6	18.2	1,451	1,884	1,910	2,200
Estimated total <sup>1</sup> .....	10,280	9,400	6,890	8,670				121,000	45,000	92,000	105,000
Oceania:											
Australia.....	648	700	875		18.0	16.5	13.8	11,651	11,580	12,083	21,000
New Zealand.....	24	49	53		35.7	36.8	36.8	952	1,450	2,111	2,604
Total.....	672	749	928	1,015				12,603	13,530	14,194	23,604
Estimated world total <sup>1</sup> .....	115,680	104,720	104,900	114,160				2,365,000	1,892,000	2,090,000	2,165,000

<sup>1</sup> Years shown refer to years of harvest in the Northern Hemisphere. Harvests of Northern Hemisphere countries are combined with those of the Southern Hemisphere which immediately follow; thus, the crop harvested in the Northern Hemisphere in 1947 is combined with estimates for the Southern Hemisphere harvests which began late in 1946 and ended early in 1948.

<sup>2</sup> Figures for 1948 are as far as possible.

<sup>3</sup> Yield per acre calculated from acreage and production data shown, except for incomplete periods.

<sup>4</sup> Revised estimates for Northern Hemisphere countries; for Southern Hemisphere preliminary forecasts.

<sup>5</sup> Estimated totals, which in the case of production, are rounded to millions, include allowances for any missing data for countries shown and for other producing countries not shown.

<sup>6</sup> Estimate not adjusted to take account of inclusion of Southern Dabrudja and is, therefore, not strictly comparable with estimates shown for later years.

<sup>7</sup> Average for 1935 only.

<sup>8</sup> Estimates for Syria and Lebanon not shown separately during this period.

<sup>9</sup> Office of Foreign Agricultural Relations. Prepared or estimated on the basis of official statistics of foreign governments, reports of United States foreign service officers, results of office research, or other information. Preliminary estimates for countries having changed boundaries have been adjusted to conform to present boundaries, except as noted.

TABLE 75.—Barley: Production and farm disposition, United States, 1938-47

Crop of—	Production	Feed and seed	Sold	Crop of—	Production	Feed and seed	Sold
	1,000 bu.	1,000 bu.	1,000 bu.		1,000 bu.	1,000 bu.	1,000 bu.
1938.....	256,620	152,555	104,065	1943.....	322,913	180,471	142,442
1939.....	275,193	158,540	119,653	1944.....	276,112	147,543	128,569
1940.....	311,278	194,593	116,685	1945.....	266,833	114,603	152,230
1941.....	362,568	227,711	134,857	1946.....	262,258	110,834	151,424
1942.....	429,450	263,998	165,452	1947 <sup>1</sup> .....	179,182	113,564	165,618

<sup>1</sup> Preliminary.

Bureau of Agricultural Economics. Disposition of the crop specified and not disposition within the marketing year. Estimates of farm disposition represent portions of the crop used or to be used for the designated purposes on farms where produced and do not include purchases by farmers from others for such purposes.

TABLE 76.—Barley: Production and farm disposition, by States, crops of 1946 and 1947

State	Crop of 1946			Crop of 1947 <sup>1</sup>		
	Production	Feed and seed	Sold	Production	Feed and seed	Sold
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
Maine.....	128	125	3	112	109	3
Vermont.....	56	55	1	19	19	-----
New York.....	3,648	3,247	401	2,184	2,009	175
New Jersey.....	324	249	75	396	284	112
Pennsylvania.....	3,942	3,311	631	4,059	3,572	487
Ohio.....	502	376	126	390	335	55
Indiana.....	600	516	84	520	452	68
Illinois.....	624	543	281	556	354	302
Michigan.....	5,037	2,871	2,166	3,450	2,036	1,414
Wisconsin.....	4,650	2,092	2,558	5,962	1,789	4,173
Minnesota.....	21,257	5,314	15,943	25,838	6,976	18,862
Iowa.....	410	234	176	799	575	224
Missouri.....	1,260	1,071	189	1,449	1,275	174
North Dakota.....	45,680	14,618	31,062	50,358	14,604	35,754
South Dakota.....	30,294	11,815	18,479	31,504	13,862	17,642
Nebraska.....	11,529	7,840	3,689	10,274	6,886	3,288
Kansas.....	5,022	3,566	1,456	6,380	4,338	2,042
Delaware.....	305	284	21	366	322	44
Maryland.....	2,174	1,565	609	2,618	2,042	576
Virginia.....	2,272	1,886	386	2,478	2,181	297
West Virginia.....	203	185	18	236	224	12
North Carolina.....	825	586	239	980	715	265
South Carolina.....	546	355	191	624	399	225
Georgia.....	129	97	32	154	128	26
Kentucky.....	1,250	950	300	1,325	994	331
Tennessee.....	1,640	1,328	312	1,617	1,261	356
Alabama.....	36	27	9	18	14	4
Mississippi.....	48	43	5	46	42	4
Arkansas.....	98	64	34	60	61	9
Oklahoma.....	1,820	1,329	491	2,160	1,814	346
Texas.....	2,610	1,644	966	2,520	1,714	806
Montana.....	17,550	9,302	8,248	17,940	7,535	10,405
Idaho.....	9,345	5,981	3,364	11,625	5,580	6,045
Wyoming.....	4,600	3,465	1,035	4,712	3,487	1,225
Colorado.....	13,936	8,083	5,853	16,940	10,333	6,607
New Mexico.....	600	450	150	702	491	211
Arizona.....	2,975	664	2,291	3,848	770	3,078
Utah.....	4,860	3,451	1,409	5,076	3,401	1,675
Nevada.....	680	238	442	740	286	444
Washington.....	3,375	1,519	1,856	3,640	1,784	1,856
Oregon.....	9,452	3,686	5,766	11,147	2,787	8,360
California.....	46,066	5,989	40,767	43,260	5,624	37,636
United States.....	262,288	110,834	151,424	279,182	113,564	165,618

<sup>1</sup> Preliminary.

Bureau of Agricultural Economics. Disposition of the crop specified and not disposition within the marketing year. Estimates of farm disposition represent portions of the crop used or to be used for the designated purposes on farms where produced and do not include purchases by farmers from others for such purposes.

TABLE 77.—Barley: Stocks on and off farms, United States, 1938-47

Year beginning October—	On farms				Off farms <sup>1</sup>			
	Oct. 1	Jan. 1	Apr. 1	July 1 <sup>2</sup>	Oct. 1	Jan. 1	Apr. 1	July 1 <sup>2</sup>
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1938.....	201,000	137,000	80,000	45,000	.....	.....	.....	.....
1939.....	232,000	170,000	102,500	55,500	.....	.....	.....	.....
1940.....	278,000	195,300	118,000	66,350	.....	.....	.....	.....
1941.....	333,000	234,500	144,000	81,000	.....	.....	45,446	39,522
1942.....	246,000	152,000	91,888	48,500	82,493	64,732	42,323	27,437
1943.....	180,385	135,200	84,076	54,100	82,132	78,097	57,487	40,971
1944.....	169,297	126,000	70,691	38,700	82,490	66,006	40,610	19,870
1945.....	159,635	110,000	66,531	30,000	75,754	65,691	44,603	125,565
1946.....	160,403	117,300	68,696	26,600	86,338	70,516	46,261	24,828
1947 <sup>3</sup>								

<sup>1</sup> Includes stocks in interior mills, elevators, and warehouses, merchant mills, and commercial stocks at terminals.

<sup>2</sup> Includes old crop only.

<sup>3</sup> Preliminary.

Bureau of Agricultural Economics.

TABLE 78.—Barley: Receipts graded by licensed inspectors, by class and grade, United States, 1937-1946

Year beginning July—	Barley (class I)											Total class I barley
	Subclass (A) malting barley				Subclass (B) barley.							
	No. 1	No. 2	No. 3	Total	No. 1	No. 2	No. 3	No. 4	No. 5	Sample	Total	
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	
1937.....	678	2,109	11,221	14,008	4,930	6,262	29,448	20,082	8,816	2,056	71,594	85,602
1938.....	1,131	2,109	10,422	13,662	14,750	10,752	29,741	8,770	2,661	2,517	69,191	82,853
1939.....	7,005	12,190	24,317	43,512	8,350	8,003	18,010	7,304	1,357	1,688	44,712	88,224
1940.....	15,742	18,253	15,808	49,803	8,914	5,630	10,256	6,581	1,941	4,054	37,376	87,179
1941.....	10,629	13,352	18,461	42,442	17,707	11,184	25,224	13,358	2,690	5,683	75,846	118,288
1942.....	9,194	7,862	15,456	32,512	29,485	13,379	37,062	18,224	3,547	7,810	109,507	142,019
1943.....	4,789	3,377	13,819	21,985	52,510	22,357	40,594	19,282	3,811	7,539	146,093	168,078
1944.....	4,623	2,783	9,245	16,651	56,726	24,888	39,579	27,845	8,841	12,536	170,415	187,066
1945.....	8,309	5,458	7,473	21,240	51,860	24,490	29,971	12,292	4,250	7,864	130,727	151,967
1946.....	8,829	4,454	4,949	18,232	70,210	29,363	21,044	8,085	2,723	5,516	136,941	155,173

Year beginning July—	Western barley (class III)							Total all classes
	No. 1	No. 2	No. 3	No. 4	No. 5	Sample	Total class III	
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1937.....	4,779	1,584	576	178	73	354	7,544	93,173
1938.....	5,414	1,498	546	184	70	227	7,939	90,803
1939.....	6,235	1,902	522	192	60	147	9,067	97,299
1940.....	5,035	1,851	662	339	109	162	9,058	96,238
1941.....	5,451	1,998	843	429	213	490	9,424	127,725
1942.....	10,722	4,667	2,130	1,270	744	307	19,840	161,869
1943.....	12,976	5,510	2,323	1,088	626	359	22,862	190,984
1944.....	14,284	5,900	1,723	614	218	405	23,144	210,222
1945.....	14,810	6,200	1,533	521	275	401	23,740	175,717
1946.....	20,117	4,687	1,212	462	171	314	26,963	182,140

<sup>1</sup> Includes class II, Black barley, and class IV, Mixed barley, not shown separately in table.

Production and Marketing Administration. The quantity loaded per car varies, but carlot receipts have been converted to bushels on the basis of 1,600 bushels per car for the years 1937-45 and 1,900 bushels for the years 1944-46.



TABLE 79.—Barley: Supply and distribution, 1939-48

Year beginning July—	Carry-over July 1				Production	Imports <sup>2</sup>	Total supply
	Farm	Terminal market <sup>1</sup>	Interior mills, elevators, and warehouses	Total			
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1939.....	45,000	6,210	-----	<sup>3</sup> 51,210	278,193	2,694	<sup>3</sup> 332,097
1940.....	43,200	6,956	-----	<sup>3</sup> 50,156	311,278	2,335	<sup>3</sup> 363,769
1941.....	55,500	4,931	-----	<sup>3</sup> 60,431	362,568	2,328	<sup>3</sup> 425,322
1942.....	66,350	3,600	-----	<sup>3</sup> 69,950	429,450	27,245	<sup>3</sup> 526,645
1943.....	81,000	9,028	30,494	120,522	322,913	41,179	484,614
1944.....	48,500	6,923	20,514	75,937	276,112	37,932	389,981
1945.....	54,100	14,479	26,492	95,071	266,833	5,814	367,718
1946.....	38,700	4,464	15,406	58,570	262,258	4,286	325,114
1947.....	30,000	7,733	17,812	55,565	279,182	1,187	335,934
1948 <sup>4</sup> .....	26,600	6,740	18,088	51,428	-----	-----	-----

## DISTRIBUTION

Year beginning July—	Used in producing malt		Seed <sup>7</sup>	Feed, other uses, and waste <sup>8</sup>	Exports <sup>9</sup>	Total disappearance	Domestic disappearance <sup>9</sup>	Stocks, end of year
	For alcohol and alcoholic beverages <sup>5</sup>	For other purposes <sup>6</sup>						
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1939.....	57,378	3,175	25,573	190,990	4,827	281,941	277,114	<sup>10</sup> 50,156
1940.....	58,441	3,636	25,847	213,427	1,987	303,338	301,351	<sup>10</sup> 60,431
1941.....	69,353	4,318	32,088	246,192	3,421	355,372	351,951	<sup>10</sup> 69,950
1942.....	78,994	5,500	28,483	321,462	2,178	436,617	434,439	<sup>10</sup> 90,028
1943.....	84,644	6,128	23,369	291,556	2,980	408,677	405,697	75,937
1944.....	94,140	5,506	18,983	171,577	4,695	294,910	290,215	95,071
1945.....	81,838	6,806	18,674	192,571	9,259	309,148	299,889	58,570
1946.....	87,683	6,951	19,489	139,062	<sup>11</sup> 16,385	269,549	253,164	55,565
1947 <sup>4</sup> .....	-----	7,000	21,836	-----	<sup>11</sup> 24,247	284,506	260,259	51,428

<sup>1</sup> Commercial stocks at terminal markets.<sup>2</sup> Compiled from reports of the Bureau of Foreign and Domestic Commerce and Bureau of the Census. Both imports and exports include grain equivalent of malt.<sup>3</sup> Exclusive of stocks at interior mills, elevators, and warehouses, data for which are not available.<sup>4</sup> Preliminary.<sup>5</sup> Compiled from reports of the Bureau of Internal Revenue. Includes small quantities of barley grain.<sup>6</sup> Estimated on basis of total malt production and quantities exported, imported, and used in alcohol and alcoholic beverages.<sup>7</sup> Based on acreage seeded to the following crop.<sup>8</sup> Residual, mostly feed.<sup>9</sup> Total disappearance, minus exports of barley grain and grain-equivalent of malt exported.<sup>10</sup> Excludes interior mill, elevator, and warehouse stocks, for computing 1942-43 disappearance.<sup>11</sup> Includes exports for military civilian feeding abroad.

Bureau of Agricultural Economics.



BARLEY

71

TABLE 80.—*Barley: Average price per bushel for specified grades at selected markets, 1938-47*

Year beginning August—	Minneapolis <sup>1</sup>		Kansas City <sup>2</sup>	San Francisco <sup>2</sup>	Chicago <sup>2</sup>	Winnipeg <sup>2</sup>
	No. 3	No. 2 Malting	No. 3	Feed barley (Good)	Feed barley	No. 3 Western
	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
1938.....	45.2	53.4	37.8	48.5	40.5	36
1939.....	49.2	55.3	49.2	45.1	42.2	40
1940.....	48.3	51.8	45.7	54.8	46.6	41
1941.....	65.5	78.6	54.7	82.6	56.1	54
1942.....	78.3	92.0	81.1	85.9	76.8	56
1943.....	121.4	128.8	114.5	124.8	116.8	59
1944.....	118.6	130.2	107.2	109.8	101.8	59
1945.....	127.7	131.3	122.9	134.0	119.8	59
1946.....	173.9	177.9	140.9	150.7	136.7	85
1947.....	221.8	231.9	177.2	184.6	177.2	111

<sup>1</sup> Average of daily prices, weighted by carlot sales.

<sup>2</sup> Average of daily prices.

<sup>3</sup> Average spot price in United States currency.

<sup>4</sup> Export price to countries other than United Kingdom.

Bureau of Agricultural Economics and Production and Marketing Administration.

TABLE 81.—Grains and grain products: Total and per capita civilian consumption as food, United States, 1929-47<sup>1</sup>

Calendar year	Wheat		Rye		Rice (milled)		Corn <sup>1</sup>						Oats		Barley <sup>2</sup>				
	Total wheat consumed	Per capita consumption of food products	Total rye consumed	Per capita consumption of rye flour	Total rice consumed	Per capita consumption of rice products	Per capita consumption of food products						Total oats consumed	Per capita consumption of oatmeal	Total barley consumed as food	Per capita consumption of food products			
											Meal	Cereal					Sirup	Sugar	Starch
Million bushels	Pounds	Million bushels	Pounds	Million bushels	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Million bushels	Pounds	Million bushels	Pounds				
1929	501	172.6	3.5	9.8	701.7	5.8	165	30.5	3.1	7.8	6.2	1.7	35	5.2	18	4.9			
1930	500	168.9	3.5	9.4	649.5	5.3	155	28.3	3.0	7.4	5.8	1.5	34	5.0	20	5.4			
1931	487	159.9	3.5	9.0	601.9	5.0	145	26.6	3.0	6.6	5.5	1.3	44	6.3	21	5.8			
1932	470	157.4	3.5	8.9	661.9	5.7	139	26.5	2.4	5.8	5.3	1.1	44	6.3	16	4.3			
1933	460	152.6	3.5	7.7	702.1	6.0	144	25.6	1.9	7.3	4.7	1.4	35	4.9	18	4.6			
1934	463	153.3	3.6	7.4	595.8	4.7	141	24.5	1.6	6.8	3.2	1.4	32	4.5	9	2.5			
1935	461	154.3	3.6	7.6	713.0	5.6	132	24.5	1.4	6.8	2.4	1.2	29	4.0	6	1.5			
1936	485	157.5	3.5	7.0	693.8	5.2	144	24.0	1.6	8.4	2.8	1.4	28	3.9	6	1.5			
1937	474	152.8	3.6	6.4	793.3	5.9	136	22.7	1.8	7.5	2.7	1.3	27	3.8	5	1.4			
1938	480	153.4	3.7	6.3	764.5	5.9	147	22.0	1.9	7.7	2.7	1.3	28	3.8	5	1.3			
1939	478	151.4	3.9	6.9	730.6	5.6	141	21.5	1.9	8.0	2.9	1.4	28	3.8	4	1.1			
1940	469	147.4	3.6	7.3	775.1	5.9	151	21.7	1.9	7.9	3.0	1.3	29	4.0	4	1.1			
1941	484	152.2	3.7	6.9	708.0	5.8	160	20.7	2.3	8.7	4.1	1.5	29	4.0	5	1.3			
1942	494	155.7	3.8	7.8	722.7	5.4	172	20.0	2.5	14.1	4.7	1.7	35	4.8	6	1.5			
1943	499	162.7	3.7	9.3	751.7	5.8	167	21.0	2.6	12.1	4.3	1.6	40	4.9	7	1.8			
1944	498	162.2	3.7	7.9	639.2	4.9	167	20.0	2.5	12.7	4.0	1.5	41	4.9	7	1.5			
1945	484	153.4	3.5	6.1	548.3	4.1	163	17.0	2.2	12.5	3.8	1.8	45	4.3	8	1.8			
1946	484	151.7	3.5	6.0	548.3	4.1	163	17.0	2.2	12.5	3.8	1.8	45	4.3	8	1.8			
1947	488	142.5	3.5	5.6	700.2	4.9	177	17.0	2.6	13.2	4.5	1.9	45	3.9	8	1.8			

<sup>1</sup> Consumption data for most grains are measured at the processing level. Total consumption is the grain equivalent of the processed products shown in the table.

<sup>2</sup> Includes minor quantities of some corn products used in the manufacture of malt beverages. Total corn includes an allowance for the quantity used as hominy and grits.

<sup>3</sup> Barley consumed in food products, excluding malt beverages, expressed in terms of malt equivalent. Includes quantities used as pearl barley, flour, and malt extract.

<sup>4</sup> The per capita civilian consumption was obtained by dividing the total apparent civilian consumption by the total population adjusted for under enumeration of children under 15 years of age and members of the armed forces not eating out of civilian supplies.

<sup>5</sup> Preliminary.

Bureau of Agricultural Economics. All figures are estimates based on data from the Census of Manufactures, the Corn Refiners Statistical Bureau, the Department of Commerce, Bureau of Economic Warfare, the Bureau of Internal Revenue, and other sources. Data for 1940-1928 in Agricultural Statistics, 1944, table 80.

TABLE 82.—*Sorghums for grain, silage, and forage: Acreage, production, season average price received by farmers, and value, United States, 1929-47*

Year	Acreage planted for all purposes <sup>1</sup>	Grain <sup>2</sup>				Silage		Forage			
		Acreage harvested	Production	Price <sup>3</sup>	Farm value	Acreage harvested	Production	Acreage harvested	Production	Price <sup>4</sup>	Farm value
	1,000 acres	1,000 acres	1,000 bushels	Cents	1,000 dollars	1,000 acres	1,000 tons <sup>5</sup>	1,000 acres	1,000 tons <sup>5</sup>	Dollars	1,000 dollars
1929.....		3,522	49,080								
1929.....	8,830	3,523	49,967	74.5	37,240	103	628	4,609	6,683	9.98	66,673
1930.....	9,447	3,477	37,561	55.3	20,788	106	572	5,089	6,326	9.62	60,852
1931.....	10,685	4,443	71,914	30.0	21,573	133	775	5,392	7,180	6.01	43,138
1932.....	12,070	4,400	66,097	29.8	19,660	232	1,345	6,172	8,071	4.18	33,705
1933.....	12,602	4,354	54,386	50.6	27,515	377	1,791	6,697	8,418	5.45	45,911
1934.....		2,570	18,699								
1934.....	14,612	2,396	19,209	94.3	18,201	816	2,244	8,182	7,417	10.61	78,696
1935.....	16,492	4,597	57,610	55.3	31,855	666	3,133	9,072	12,052	6.15	74,121
1936.....	13,355	2,793	30,270	92.9	28,113	749	2,874	6,975	6,579	8.38	55,123
1937.....	13,001	4,915	69,948	48.5	33,917	580	2,988	6,036	7,713	7.08	54,570
1938.....	15,561	4,699	67,210	39.1	26,261	740	4,512	8,636	12,553	4.87	61,092
1939.....		4,693	52,442								
1939.....	17,863	4,760	53,280	56.9	30,321	904	4,364	9,826	11,716	5.82	68,177
1940.....	21,208	6,374	85,824	47.8	41,019	1,081	6,217	11,729	16,110	5.22	84,119
1941.....	18,800	6,015	113,543	54.9	62,319	1,233	7,896	10,481	17,069	5.25	89,549
1942.....	16,082	5,991	109,653	77.7	85,223	927	6,032	7,865	13,640	8.55	76,712
1943.....	17,726	6,889	109,536	114.0	124,885	913	4,733	8,404	10,982	13.00	142,948
1944.....		9,061	177,702								
1944.....	18,458	9,385	184,962	91.3	168,880	879	5,641	7,587	11,553	10.90	125,807
1945.....	15,912	6,408	97,014	119.0	115,816	680	3,622	7,504	9,816	12.00	117,957
1946.....	14,749	6,773	106,941	139.0	148,753	644	3,685	6,240	8,601	14.00	126,755
1947 <sup>6</sup> .....	11,700	5,606	95,609	179.0	171,107	668	3,445	4,861	6,070	17.30	105,054

<sup>1</sup> Grain and sweet sorghums for all uses, including sirup.<sup>2</sup> Includes both grain sorghums for grain and sweet sorghums for grain or seed.<sup>3</sup> Based on the reported price of grain sorghums.<sup>4</sup> Dec. 1 price; prior to 1942, price of sweet sorghums for forage and hay.<sup>5</sup> Green weight.<sup>6</sup> Dry weight.<sup>7</sup> Includes an allowance for unredeemed loans at average loan value.<sup>8</sup> Preliminary.

Bureau of Agricultural Economics. Italic figures are census returns.

TABLE 83.—*Sorghums for grain, forage, and silage: Acreage, yield, production and season average price received by farmers, by States, average 1936-45, annual 1946 and 1947*

## SORGHUMS FOR GRAIN

State	Acreage harvested			Yield per acre			Production			Price for crop of—		
	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45 <sup>(2)</sup>	1946	1947
	1,000 acres	1,000 acres	1,000 acres	Bu.	Bu.	Bu.	1,000 bu.	1,000 bu.	1,000 bu.	Cents <sup>(3)</sup>	Cents <sup>(3)</sup>	Cents <sup>(3)</sup>
Indiana.....	2	1	1	26.6	30.0	26.0	453	30	26	88	112	160
Illinois.....	2	1	1	26.4	30.0	24.0	44	30	24	81	112	160
Iowa.....	3	1	1	22.1	20.0	16.0	74	20	16	81	137	174
Missouri.....	58	44	38	17.6	22.0	16.0	1,071	968	608	85	137	207
North Dakota.....	5	4	5	14.4	13.0	15.0	67	52	75	84	122	175
South Dakota.....	113	37	18	9.8	16.0	9.0	1,170	592	162	74	119	179
Nebraska.....	160	61	44	14.2	18.0	15.0	2,159	918	660	78	115	190
Kansas.....	1,213	851	754	13.5	15.5	14.5	18,253	11,488	10,933	74	130	190
Alabama.....		26	38	14.1	15.5	15.5	446	646	760		131	171
Arkansas.....		8	10	15.5	17.0	16.0	125	124	155	92	140	172
Louisiana.....	2	1	1	15.6	17.0	16.0	25	17	16	92	140	171
Oklahoma.....	726	636	471	11.1	11.5	11.0	8,398	7,314	5,181	80	135	193
Texas.....	3,003	4,613	3,801	16.1	16.0	18.0	50,164	73,742	68,313	72	141	171
Colorado.....	161	191	160	11.3	13.0	15.0	1,893	2,483	2,400	71	126	184
New Mexico.....	200	108	141	12.6	10.4	10.6	2,180	1,127	1,488	70	129	182
Arizona.....	32	55	52	32.1	36.0	41.0	1,477	1,980	2,132	87	133	216
California.....	135	145	70	35.4	38.0	38.0	4,775	5,510	2,680	95	186	232
United States.....	5,823	6,773	5,606	15.2	15.8	17.1	92,124	106,941	95,000	74.2	139	179

See footnotes at end of table.

TABLE 83.—*Sorghums for grain, forage, and silage: Acreage, yield, production, and season average price received by farmers, by States, average 1936-45, annual 1946 and 1947—Continued*

## SORGHUMS FOR FORAGE

State	Acreage harvested			Yield per acre			Production			Price for crop of—		
	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>
	1,000 acres	1,000 acres	1,000 acres	Tons ( <sup>2</sup> )	Tons ( <sup>2</sup> )	Tons ( <sup>2</sup> )	1,000 tons <sup>3</sup>	1,000 tons <sup>3</sup>	1,000 tons <sup>3</sup>	Dol- lars <sup>4</sup>	Dol- lars <sup>4</sup>	Dol- lars <sup>4</sup>
Indiana.....	2	1	2	2.65	2.60	2.50	5	3	5	6.54	8.00	.....
Illinois.....	6	2	2	2.63	3.00	2.50	16	6	5	7.14	8.00	11.00
Minnesota.....	19	8	10	2.74	2.30	2.20	54	18	22	4.03	6.50	8.30
Iowa.....	36	2	2	3.19	3.50	2.50	118	7	5	5.39	7.00	8.80
Missouri.....	235	105	111	2.16	2.20	1.80	513	231	200	6.73	10.50	10.00
North Dakota.....	101	58	54	1.40	1.20	1.40	149	70	76	4.82	6.50	10.00
South Dakota.....	592	177	152	1.28	1.70	1.30	774	301	198	4.34	7.00	8.60
Nebraska.....	698	316	273	1.56	1.65	1.60	1,114	521	410	4.89	9.50	9.10
Kansas.....	1,409	1,302	989	1.74	1.00	1.40	2,446	2,083	1,385	5.54	11.00	12.50
Virginia.....	4	12	13	1.80	2.00	2.10	8	24	27	12.60	15.00	18.50
North Carolina.....	16	15	14	1.90	2.00	2.15	30	30	30	13.80	23.00	20.50
South Carolina.....	19	18	19	1.33	1.50	1.40	26	27	27	13.50	20.00	25.00
Georgia.....	37	32	35	1.26	1.35	1.30	47	43	46	13.00	19.00	19.00
Kentucky.....	31	23	24	2.45	3.00	3.00	77	69	72	7.39	9.00	10.30
Tennessee.....	42	33	31	2.08	2.10	2.30	86	69	71	9.19	13.00	13.00
Alabama.....	27	30	29	1.44	1.55	1.35	40	46	39	12.60	21.00	22.50
Mississippi.....	26	18	18	1.59	1.50	1.70	42	27	31	12.60	19.50	22.00
Arkansas.....	96	60	66	1.44	1.45	1.40	136	87	92	9.65	15.00	17.30
Louisiana.....	8	5	5	1.49	1.60	1.35	12	8	7	10.20	15.00	16.00
Oklahoma.....	1,084	1,107	818	1.23	1.30	1.10	1,338	1,439	900	8.90	16.50	17.50
Texas.....	3,257	2,390	1,750	1.21	1.22	1.10	3,970	2,920	1,925	10.30	18.50	25.00
Montana.....	8	6	5	1.15	1.15	1.30	10	7	6	6.31	10.00	11.00
Wyoming.....	18	8	7	.76	.60	.75	13	5	5	6.74	10.00	13.00
Colorado.....	475	350	304	1.01	1.10	1.30	491	385	395	6.84	13.00	14.00
New Mexico.....	249	155	125	.94	1.03	.67	239	159	84	10.40	17.00	23.00
Arizona.....	6	5	3	1.85	1.75	1.75	11	9	5	9.71	18.00	20.00
California.....	* 3	2	2	* 3.75	3.50	3.50	* 11	7	7	* 7.50	10.00	15.00
United States.....	8,504	6,240	4,861	1.37	1.38	1.25	11,773	8,601	6,070	7.81	14.60	17.30

## SORGHUMS FOR SILAGE

State	6	3	2	10.3	11.0	8.5	67	33	17	.....	.....	.....
Indiana.....	12	2	3	10.0	10.5	9.0	126	21	27	.....	.....	.....
Illinois.....	11	2	2	7.5	6.5	6.0	91	13	12	.....	.....	.....
Minnesota.....	23	1	2	9.7	11.0	6.0	245	11	12	.....	.....	.....
Iowa.....	40	25	36	7.8	8.5	7.0	302	212	252	.....	.....	.....
North Dakota.....	6	2	1	2.7	2.5	3.0	15	5	3	.....	.....	.....
South Dakota.....	22	7	9	2.4	4.0	2.5	53	28	22	.....	.....	.....
Nebraska.....	90	23	22	4.8	5.0	4.3	454	115	95	.....	.....	.....
Kansas.....	328	350	409	5.7	6.0	5.3	1,924	2,100	2,168	.....	.....	.....
South Carolina.....	2	3	3	5.4	5.0	5.0	13	15	15	.....	.....	.....
Georgia.....	4	3	4	4.8	5.0	4.5	17	15	18	.....	.....	.....
Tennessee.....	6	6	6	7.6	7.0	7.0	45	42	42	.....	.....	.....
Alabama.....	5	5	4	6.9	6.0	6.5	35	30	26	.....	.....	.....
Mississippi.....	10	12	13	8.3	8.5	8.2	81	102	107	.....	.....	.....
Arkansas.....	4	5	3	5.7	5.5	5.3	20	28	16	.....	.....	.....
Oklahoma.....	88	82	61	4.3	4.0	3.7	252	328	226	.....	.....	.....
Texas.....	206	90	72	4.4	4.1	3.8	926	373	270	.....	.....	.....
Colorado.....	8	5	6	3.4	5.5	4.5	30	28	27	.....	.....	.....
New Mexico.....	12	2	2	3.4	4.0	3.0	43	8	6	.....	.....	.....
Arizona.....	8	12	4	10.4	11.5	11.0	77	138	44	.....	.....	.....
California.....	3	4	4	10.4	10.0	10.0	33	40	40	.....	.....	.....
United States.....	869	644	668	5.55	5.72	5.16	4,888	3,685	3,445	.....	.....	.....

<sup>1</sup> Preliminary.

<sup>2</sup> For certain years, prices include an allowance for unredeemed loans at average loan value.

<sup>3</sup> Based on the reported price of grain sorghums.

<sup>4</sup> Short-time average.

<sup>5</sup> Dry weight for forage; green weight for silage.

<sup>6</sup> Dec. 1 price; prior to 1942, price of sweet sorghums for forage and hay.

Bureau of Agricultural Economics.

TABLE 84.—*Sorghum grain: Production and farm disposition, United States, 1938-47*

Crop of—	Production	Feed and seed	Sold	Crop of—	Production	Feed and seed	Sold
	1,000 bushels	1,000 bushels	1,000 bushels		1,000 bushels	1,000 bushels	1,000 bushels
1938.....	67,210	48,632	18,578	1943.....	109,536	51,036	58,500
1939.....	53,280	39,131	14,149	1944.....	184,962	78,220	106,742
1940.....	85,824	58,948	26,876	1945.....	97,014	42,837	54,177
1941.....	113,543	75,614	37,929	1946.....	106,941	40,138	66,803
1942.....	109,653	76,024	33,629	1947 <sup>1</sup> .....	95,609	30,277	65,332

<sup>1</sup> Preliminary.

Bureau of Agricultural Economics. Disposition of the crop specified and not disposition within the marketing year. Estimates of farm disposition represent portions of the crop used or to be used for the designated purposes on farms where produced and do not include purchases by farmers from others for such purposes.

TABLE 85.—*Sorghum grain: Production and farm disposition, by States, crops of 1946 and 1947*

State	Crop of 1946			Crop of 1947 <sup>1</sup>		
	Production	Feed and seed	Sold	Production	Feed and seed	Sold
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
Indiana.....	30	19	11	26	13	13
Illinois.....	30	14	16	24	12	12
Iowa.....	20	8	12	16	8	8
Missouri.....	968	891	77	608	547	61
North Dakota.....	52	32	20	75	45	30
South Dakota.....	592	355	237	162	105	57
Nebraska.....	918	578	340	660	442	218
Kansas.....	11,488	6,204	5,284	10,933	5,357	5,576
Alabama.....	546	491	55	760	623	137
Arkansas.....	124	115	9	155	144	11
Louisiana.....	17	16	1	16	15	1
Oklahoma.....	7,314	5,412	1,902	5,181	3,886	1,295
Texas.....	73,742	23,597	50,145	68,313	17,078	51,235
Colorado.....	2,483	670	1,813	2,400	720	1,680
New Mexico.....	1,127	789	338	1,488	595	893
Arizona.....	1,980	396	1,584	2,132	235	1,897
California.....	5,510	551	4,959	2,660	452	2,208
United States.....	106,941	40,138	66,803	95,609	30,277	65,332

<sup>1</sup> Preliminary.

Bureau of Agricultural Economics. Disposition of the crop specified and not disposition within the marketing year. Estimates of farm disposition represent portions of the crop used or to be used for the designated purposes on farms where produced and do not include purchases by farmers from others for such purposes.

TABLE 86.—*Grain sorghums: Receipts graded by licensed inspectors, by grades, United States, 1937-46*

Year beginning October—	No. 1	No. 2	No. 3	No. 4	Sample	Total	Percentage grading No. 2 or better
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	Percent
1937.....	1,287	4,031	1,221	463	407	7,409	72
1938.....	1,127	2,476	391	120	209	4,323	83
1939.....	977	1,953	337	98	122	3,487	84
1940.....	769	3,704	1,156	734	448	6,811	66
1941.....	1,658	12,572	5,488	1,701	1,058	22,477	63
1942.....	10,042	15,794	3,214	920	2,439	32,409	80
1943.....	20,104	26,907	4,901	1,593	3,479	56,984	82
1944.....	43,360	82,747	17,636	6,404	10,350	160,497	78
1945.....	11,907	30,192	9,122	2,853	10,768	64,842	65
1946.....	18,370	50,454	12,801	2,997	9,330	93,952	73

Production and Marketing Administration. The quantity loaded per car varies, but carlot receipts have been converted to bushels on the basis of 1,400 bushels per car for the years 1937-43 and 1,700 bushels for the years 1944-46.

TABLE 87.—*Grain sorghums: Average market price at indicated markets and season average price received by farmers in California, Kansas, Oklahoma, Texas, and United States, per 100 pounds, 1937-47*

Year beginning October—	No. 2 Yellow Milo			No. 2 White Kafir		Average price received by farmers in—				
	Kansas City	Fort Worth	Los Angeles	Kansas City	Fort Worth	California	Kansas	Oklahoma	Texas	United States
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
1937.....	1.01	1.02	1.32	.84	.90	1.18	.82	.95	.80	.87
1938.....	.91	1.02	1.23	.89	.90	.95	.62	.79	.66	.70
1939.....	1.25	1.26	1.36	1.20	1.22	1.23	.98	1.12	1.00	1.02
1940.....	.98	1.15	1.41	.97	1.14	1.09	.71	.91	.91	.86
1941.....	1.22	1.23	1.72	1.23	1.18	1.50	.95	1.04	.95	.98
1942.....	1.97	1.97	2.47	1.97	1.95	1.70	1.52	1.55	1.30	1.34
1943.....	2.34	2.34	2.68	2.34	2.35	2.64	2.09	2.20	1.96	2.04
1944.....	2.14	2.12	2.46	2.13	2.11	2.09	1.62	1.66	1.61	1.63
1945.....	2.72	2.79	3.21	2.72	2.79	2.66	2.09	2.14	2.11	2.12
1946.....	2.90	2.91	3.30	2.90	2.91	2.79	1.98	2.41	2.52	2.48
1947.....	3.58	3.52	3.89	3.58	3.52	4.14	3.55	3.45	3.05	.

Production and Marketing Administration and Bureau of Agricultural Economics.

TABLE 88.—*Feed grains: Average price per 100 pounds, selected markets and grades, 1937-47*

Year beginning October—	Kansas City				Chicago		
	Corn, No. 3 Yellow	Oats, No. 3 White	Barley, No. 3	Grain sorghum, No. 2 Yellow Milo	Corn, No. 3 Yellow	Oats, No. 3 White	Barley, feed
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
1937.....	1.00	.92	.97	1.01	1.02	.86	1.01
1938.....	.83	.89	.82	.91	.86	.96	.84
1939.....	1.02	1.14	1.02	1.25	.97	1.20	.88
1940.....	1.05	1.15	.97	.98	1.19	1.19	1.01
1941.....	1.39	1.50	1.19	1.22	1.42	1.69	1.20
1942.....	1.60	2.08	1.84	1.97	1.63	2.02	1.77
1943.....	2.01	2.45	2.37	2.34	2.04	2.46	2.41
1944.....	1.96	2.20	2.24	2.14	2.06	2.19	2.13
1945.....	2.44	2.48	2.68	2.72	3.46	2.48	2.88
1946.....	2.74	2.91	3.04	2.90	3.22	2.92	2.98
1947.....	4.35	3.54	3.52	3.58	4.16	3.50	3.52

Year beginning October—	Minneapolis			San Francisco		
	Corn, No. 3 Yellow	Oats, No. 3 White	Barley, No. 3	Corn, No. 2 Yellow	Barley, No. 2 Bright Western	Grain sorghum, No. 2 Yellow Milo
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
1937.....	.94	.82	1.05	1.45	1.18	1.31
1938.....	.80	.89	.86	1.32	1.00	1.20
1939.....	.94	.98	.94	1.54	.92	1.40
1940.....	1.14	1.12	.93	1.60	1.28	1.34
1941.....	1.31	1.46	1.22	1.93	1.69	1.73
1942.....	1.68	1.92	1.71	2.19	1.90	2.32
1943.....	2.01	2.37	2.35	2.52	2.54	2.82
1944.....	1.98	2.10	2.19	2.51	2.51	2.46
1945.....	2.83	2.58	2.56	3.00	2.91	3.17
1946.....	3.00	2.85	2.99	3.70	3.24	3.38
1947.....	4.09	3.33	3.40	4.62	3.70	4.10

Production and Marketing Administration and Bureau of Agricultural Economics. Prices of corn and oats at Kansas City, Chicago, and Minneapolis were computed by weighting selling prices by reported number of carlots sold. Prices of barley and grain sorghum at Kansas City and of barley at Chicago and Minneapolis are average of prices at the close of each day. Prices at San Francisco are the average of prices on one day each week.

TABLE 89.—Commercial feeds: Estimated disappearance for feed, 1937-47

Year beginning October—	Mill products							Total
	Wheat mill- feeds	Gluten feed and meal	Rice mill- feeds	Brewers' dried grains	Distillers' dried grains	Dried and molasses beet pulp <sup>3</sup>	Alfalfa meal	
	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	
1937.....	4,448	545	124	102	149	246	370	5,984
1938.....	4,762	567	124	104	149	339	410	6,455
1939.....	4,625	614	120	100	163	286	440	6,348
1940.....	4,786	759	125	116	206	322	470	6,784
1941.....	4,619	965	125	174	345	298	590	7,116
1942.....	5,324	927	145	230	356	300	680	7,962
1943.....	5,547	842	139	231	444	161	734	8,098
1944.....	5,638	864	150	217	634	182	922	8,607
1945.....	4,896	802	155	213	326	218	1,191	7,501
1946.....	6,144	1,040	166	229	410	300	1,036	9,325
1947.....	5,540	799	177	228	353	313	1,000	8,410

Year beginning October—	Oilseed cake and meal						Animal proteins				Total com- mercial <sup>1)</sup> feeds <sup>2)</sup>
	Cot- ton- seed	Soy- bean	Lin- seed	Pea- nut	Copra	Total	Tank- age and meat scraps <sup>3</sup>	Fish meal	Dried milk <sup>4</sup>	Total	
	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	
1937.....	2,332	719	177	50	119	3,397	608	221	140	969	10,350
1938.....	2,013	1,020	203	78	130	3,444	667	246	135	1,048	10,947
1939.....	1,762	1,276	394	38	180	3,650	728	238	150	1,116	11,114
1940.....	1,862	1,401	740	139	175	4,407	802	263	145	1,210	12,401
1941.....	1,821	1,785	891	71	71	4,639	835	207	125	1,167	12,922
1942.....	2,078	3,074	794	109	34	6,089	877	202	95	1,174	15,225
1943.....	1,790	3,323	998	111	33	6,255	975	196	100	1,271	15,624
1944.....	1,982	3,627	459	96	42	6,206	792	210	104	1,106	15,919
1945.....	1,433	3,655	563	83	69	5,803	745	194	105	1,044	14,648
1946.....	1,434	3,746	370	88	190	5,828	741	191	120	1,052	16,205
1947.....	1,954	3,440	605	106	177	6,282	822	200	110	1,132	15,824

<sup>1</sup> Other mill products, not listed, are screenings, hominy, and oat feeds, etc., for which no statistics are available.<sup>2</sup> Does not include moist sugar-beet pulp.<sup>1</sup><sup>3</sup> Estimated on basis of Census reports for 1937-43.<sup>4</sup> Includes dried skim milk, buttermilk, and whey for feed, but does not include any milk products fed on farms.

Production and Marketing Administration and Bureau of Agricultural Economics.



TABLE 90.—Feedstuffs: Average price per ton, bagged, in wholesale lots, at leading markets, 1937-47

Year beginning October—	Bran			Mill- run	Mid- dlings	Gray shorts	Cottonseed meal		Linseed meal		Soybean meal
	Minne- apolis	Kansas City	Buffalo	Port- land	Minne- apolis	Kansas City	41 per- cent protein	43 per- cent protein	34 per- cent protein	32 per- cent protein	41 per- cent protein
							Memphis	Fort Worth	Minne- apolis <sup>1</sup>	Buffalo <sup>2</sup>	Chicago
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
1937.....	17.90	16.60	21.60	23.50	18.75	18.55	22.00	24.95	39.70	41.05	27.70
1938.....	17.40	15.95	21.05	19.00	18.65	19.70	22.50	28.50	36.90	39.15	26.00
1939.....	20.15	18.90	23.60	22.20	20.75	22.30	28.00	33.85	29.90	31.00	28.90
1940.....	22.25	20.60	25.65	23.40	22.90	22.70	28.50	34.85	29.65	28.30	30.50
1941.....	32.85	31.25	36.85	34.15	33.25	33.30	36.35	44.25	37.55	34.70	41.85
1942.....	36.20	34.85	40.20	36.10	36.55	36.10	40.10	45.20	44.80	45.50	42.80
1943.....	37.75	36.50	41.55	36.50	37.75	36.50	48.50	53.00	45.50	49.50	51.90
1944.....	37.75	36.50	41.55	36.50	37.75	36.50	48.55	52.80	45.50	49.50	52.00
1945.....	43.50	42.30	47.60	42.95	43.65	42.50	60.10	63.85	55.55	59.40	62.40
1946.....	51.30	49.95	56.50	52.90	55.70	56.50	75.85	80.45	81.55	87.70	81.10
1947.....	62.10	59.95	68.50	66.00	68.30	69.65	83.20	87.60	81.25	85.50	91.60

Year beginning October—	Gluten feed, 23 per- cent protein	Hom- iny feed, white	Brewers' dried grains	Dis- tillers' dried grains	Alfalfa meal		Copra meal 20 per- cent protein	Peanut meal 45 per- cent protein	Fish meal 67 per- cent protein	Tankage digerter, 60 per- cent protein	Index number (Oct. 1935- Sept. 1940= 100)
	Chicago	Chicago	Mil- waukee	Cin- cinnati	Sum- eured, No. 1 fine	Dehy- drated, 17 per- cent protein	San Fran- cisco	South- eastern mills	San Fran- cisco	Chicago	
					Kansas City	Kansas City					
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	
1937.....	22.60	21.70	20.25	28.25	20.40	27.85	28.75	25.00	42.50	46.00	89.7
1938.....	18.80	20.35	16.90	26.30	19.60	27.25	25.60	22.05	42.55	52.55	89.5
1939.....	22.05	23.60	22.10	28.10	22.05	30.15	24.60	29.35	51.20	49.65	98.8
1940.....	23.15	27.30	23.10	28.55	21.95	27.55	28.65	25.55	61.50	53.15	102.9
1941.....	28.70	32.05	30.70	34.90	30.10	40.70	45.95	40.60	74.60	74.25	137.9
1942.....	32.40	41.70	35.95	41.10	33.60	46.45	48.75	40.55	79.50	74.55	148.1
1943.....	40.95	49.25	37.00	41.00	42.75	58.45	49.15	53.00	79.50	74.55	165.6
1944.....	41.25	47.55	37.00	41.25	43.00	60.30	48.60	53.10	79.50	74.55	165.7
1945.....	48.85	55.80	44.45	46.85	44.65	60.30	52.70	61.10	83.45	82.80	193.3
1946.....	58.30	64.45	57.20	61.10	41.35	55.60	68.95	74.10	159.50	110.65	241.6
1947.....	74.45	81.15	66.50	79.90	43.35	59.85	83.05	83.20	163.20	119.40	279.5

<sup>1</sup> 1937-40, 37 percent; 1944-46, 32 percent.<sup>2</sup> 1939-40, 37 percent; 1941-43, 34 percent.<sup>3</sup> The index is based on the prices of the following commodities at the leading markets, weighted by average consumption: Bran, middlings and shorts, cottonseed meal, soybean meal, linseed meal, gluten feed, hominy feed, distillers' dried grains, brewers' dried grains, tankage, and alfalfa meal.

Production and Marketing Administration.



## CHAPTER II

### STATISTICS OF COTTON, SUGAR, AND TOBACCO

In addition to tables on cotton, sugar, and tobacco, this chapter includes tables on other fibers, sorgo sirup, maple sugar and sirup, honey, bees, and beeswax. Most cottonseed data, however, are in the chapter on oilseeds, fats, and oils.

International-trade tables on sugar and tobacco are new this year.

TABLE 91.—Cotton: Acreage, production, value, and foreign trade, United States, 1929-47

Year	Cotton						Cottonseed		Cotton			
	Acreage in cultivation July 1	Acreage harvested	Yield per harvested acre	Production <sup>1</sup>	Season average price per pound received by farmers <sup>2</sup>	Farm value	Production	Farm value	Market price per pound year beginning August <sup>3</sup>		Foreign trade, year beginning August <sup>4</sup>	
									New York	New Orleans	Domestic exports <sup>5</sup>	Imports <sup>6</sup>
	1,000 acres	1,000 acres	Lb.	1,000 bales	Cents	1,000 dollars	1,000 tons	1,000 dollars	Cents	Cents	1,000 bales	1,000 bales
1929.....	43,227	43,227	14,574	14,574	16.78	1,243,840	6,406	198,164	16.60	16.16	7,035	396
1929.....	44,448	43,232	164.2	14,825	9.46	658,981	6,028	133,054	10.38	10.08	7,133	112
1930.....	43,329	42,444	157.1	13,932	5.66	483,575	7,310	65,678	6.34	6.20	9,193	138
1931.....	39,110	38,704	211.5	17,097	6.52	423,975	5,815	60,202	7.37	7.26	8,895	136
1932.....	36,494	35,891	173.5	13,003	10.17	663,383	5,511	71,166	11.09	10.92	7,964	156
1933.....	40,248	39,383	212.7	13,047	12.36	595,572	4,256	140,574	12.44	12.44	5,037	112
1934.....	26,754	26,754	171.6	9,636	11.09	590,021	4,634	141,527	11.75	11.65	6,267	162
1935.....	27,860	26,896	185.1	10,638	12.36	766,222	5,472	182,230	12.93	12.79	5,689	265
1936.....	30,627	29,735	199.4	12,390	8.41	796,469	7,844	152,971	8.75	8.79	5,976	166
1937.....	34,090	33,623	269.9	18,946	8.60	513,704	4,950	107,874	8.99	8.73	3,512	157
1938.....	25,018	24,248	235.8	11,943	9.09	536,996	4,869	102,933	10.34	10.03	6,501	176
1939.....	22,811	23,805	237.9	11,817	9.89	621,284	5,286	114,817	11.55	11.06	1,174	202
1940.....	24,871	23,861	252.5	12,566	17.03	914,313	4,553	216,961	19.16	18.17	1,162	279
1941.....	23,130	22,236	231.9	10,744	19.04	1,219,716	5,202	237,221	20.99	19.96	1,498	180
1942.....	23,302	22,602	272.4	12,817	19.88	1,135,605	4,688	244,059	21.30	20.44	1,146	145
1943.....	21,900	21,610	254.0	11,427	20.73	1,267,857	4,902	258,163	22.57	21.69	1,909	193
1944.....	18,869	19,651	298.9	12,230	22.52	1,014,823	3,664	187,155	26.68	25.82	3,678	342
1945.....	17,562	17,059	253.6	9,015	32.64	1,409,671	3,513	252,674	35.51	34.65	3,642	284
1946.....	18,190	17,615	235.3	8,640	31.93	1,892,528	4,681	402,015	35.44	34.41	-----	-----
1947.....	21,500	21,269	267.3	11,857	-----	-----	-----	-----	-----	-----	-----	-----

<sup>1</sup> Census of Agriculture figures for all periods are in running bales. Department of Agriculture figures are in 500-pound gross-weight bales for all years.

<sup>2</sup> Gross weight price, including bagging and ties.

<sup>3</sup> New York prices from reports of the New York Cotton Exchange. New Orleans prices from reports of the New Orleans Cotton Exchange. These central-market prices are for middling grade,  $\frac{1}{8}$  inch staple, through 1939; beginning August 1940, prices are for  $\frac{1}{16}$ -inch staple.

<sup>4</sup> Compiled from Monthly Summary of Foreign Commerce of the United States, January, June, and July issues and official records of the Department of Commerce.

<sup>5</sup> Equivalent bales of 500 pounds gross weight.

<sup>6</sup> Acreage in cultivation July 1 less removal of acreage reported by the Agricultural Adjustment Administration, less abandonment on area not under contract.

<sup>7</sup> Includes an allowance for unredeemed loans at season average price or average loan value, whichever is higher.

<sup>8</sup> Imports for consumption, beginning January 1934; reexports not considered beginning this date.

<sup>9</sup> Preliminary.

Bureau of Agricultural Economics. Italic figures are census returns. Production figures conform with census annual ginning enumerations. Data for 1899-1928 in Agricultural Statistics, 1942, table 136.

TABLE 92.—Cotton: Acreage, production, and season average price per pound of lint and per ton of cottonseed received by farmers, by States, average 1938-45, annual 1946 and 1947

State	Cotton lint						Cottonseed										
	Acreage in cultivation July 1		Acreage harvested		Production (500-pound gross weight bales)		Price <sup>2</sup> for crop of—		Production		Price for crop of—						
	Aver- age 1938-45	1946	1947 <sup>1</sup>	Aver- age 1938-45	1946	1947 <sup>1</sup>	Aver- age 1938-45	1946	1947 <sup>1</sup>	Aver- age 1938-45	1946	1947 <sup>1</sup>					
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 bales	1,000 bales	1,000 bales	Cents per pound	Cents per pound	1,000 bales	1,000 bales	1,000 bales	Dollars	Dollars	Dollars		
Missouri.....	404	315	440	308	38	40	305	20	14.02	31.00	30.75	150	132	34.40	70.30	83.80	
Virginia.....	39	20	23	23	23	18	17	11	14.73	32.21	31.99	11	7	36.40	70.30	82.80	
North Carolina.....	1,842	976	654	828	670	647	587	440	15.12	32.65	32.58	245	177	36.40	71.70	80.40	
South Carolina.....	1,246	963	1,065	1,226	960	1,050	765	697	16.12	34.33	32.58	311	201	36.80	67.00	80.40	
Georgia.....	1,883	1,217	1,278	1,854	1,210	1,270	917	557	15.09	34.20	32.67	377	223	36.80	67.50	82.20	
Florida.....	65	20	24	52	20	20	6	11	14.72	32.71	31.84	9	2	33.00	53.80	72.90	
Tennessee.....	1,016	845	1,004	820	628	531	208	20	14.82	32.66	32.35	208	123	36.70	67.30	78.30	
Alabama.....	1,046	704	1,000	820	628	531	208	20	14.82	32.66	32.35	208	123	36.70	67.30	78.30	
Mississippi.....	2,646	2,349	2,379	2,582	2,220	2,350	1,787	1,047	15.38	33.22	33.14	775	425	38.20	69.30	80.10	
Arkansas.....	2,120	1,720	2,065	2,069	1,700	2,050	1,394	1,281	14.58	33.16	33.23	556	532	38.60	72.80	86.10	
Louisiana.....	1,127	833	838	1,102	800	830	639	247	14.70	33.16	32.43	267	103	35.60	61.90	79.80	
Oklahoma.....	1,832	1,074	1,155	1,739	1,020	1,120	568	262	13.35	30.07	30.24	242	109	34.90	81.10	87.50	
Texas.....	8,937	6,283	8,126	8,020	6,000	6,350	3,021	1,969	14.17	32.16	31.02	1,247	694	1,417	36.50	72.30	86.00
New Mexico.....	118	140	115	115	47	46	2	46	17.33	35.54	35.14	46	16	38.70	84.10	94.00	
California.....	215	140	226	214	118	115	94	65	17.33	35.54	35.14	65	16	38.70	84.10	94.00	
All other <sup>3</sup> .....	267	339	362	338	442	438	442	458	15.19	30.94	33.31	179	185	38.90	83.90	97.00	
	21	14	15	21	13	14	18	10	14.24	31.08	31.17	7	4	35.30	75.10	85.40	
United States.....	24,517	18,190	21,000	23,845	17,615	21,269	12,390	8,640	14.76	32.64	31.93	5,143	3,513	4,681	36.70	71.90	85.90
American	70.7	3.1	1.5	68.9	3.1	1.5	32.1	2.5									
Egyptian.....																	

<sup>1</sup> Preliminary.<sup>2</sup> Gross weight price, including bagging and ties. For certain years, prices include an allowance for unredeemed loans at season average price or average loan value, whichever is higher.<sup>3</sup> Illinois, Kansas, and Kentucky.

Bureau of Agricultural Economics. Cotton production figures conform with census annual ginning enumerations, with allowance for cross-State ginnings. State and United States totals include Sea Island and American Egyptian cotton. Due to very small acreage, Sea Island cotton is not reported separately.

## COTTON

81

TABLE 93.—Cotton: Percentage reduction from full yield per acre from stated causes, by States, 1946 and 1947

State	Deficient moisture		Excessive moisture		Other climatic factors		Plant diseases		Boll weevil		Other insects	
	1946	1947	1946	1947	1946	1947	1946	1947	1946	1947	1946	1947
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
Missouri.....	1	18	11	6	6	3	2	1	0	0	1	0
Virginia.....	3	2	6	2	2	3	1	1	5	13	1	1
North Carolina.....	2	4	5	6	2	2	1	1	13	16	1	1
South Carolina.....	2	4	2	4	2	2	1	1	15	19	1	1
Georgia.....	5	4	4	3	2	3	2	2	21	15	1	1
Florida.....	2	4	17	5	8	6	2	2	20	15	1	2
Tennessee.....	2	10	2	3	3	6	1	1	2	1	0	1
Alabama.....	2	9	8	2	2	3	1	1	17	10	1	1
Mississippi.....	2	10	17	2	6	4	1	1	19	9	1	1
Arkansas.....	6	23	6	2	5	7	1	1	6	4	1	1
Louisiana.....	1	16	23	1	8	7	1	1	23	9	2	1
Oklahoma.....	24	18	2	2	10	10	1	1	11	9	2	2
Texas.....	17	12	5	1	7	6	2	1	10	4	5	3
Average 13 States.....	7.4	12.0	7.9	2.2	5.2	5.2	1.4	1.1	13.0	7.6	2.1	1.6

State	Climatic factors		Plant diseases		Sucking bugs		Other insects	
	1946	1947	1946	1947	1946	1947	1946	1947
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
Western irrigated area:								
Texas (trans-Pecos area).....	16	15	2	2	1	5	1	0
New Mexico.....	12	12	1	1	1	1	2	5
Arizona.....	7	15	0	1	3	3	3	2
California.....	9	3	2	3	1	2	1	2
Area.....	9.8	7.8	1.5	2.2	1.4	2.3	1.5	2.2

Bureau of Agricultural Economics. Percentages less than five-tenths are shown as zero.

TABLE 94.—Cotton: Production in specified countries, 1929-47<sup>1</sup>

Year beginning August—	United States	India <sup>2</sup>	China <sup>3</sup>	U. S. S. R.	Egypt	Brazil	Peru	Mexico	Argentina	Uganda	Anglo-Egyptian Sudan	Estimated world total
	1,000 bales <sup>4</sup>	1,000 bales <sup>4</sup>	1,000 bales <sup>4</sup>	1,000 bales <sup>4</sup>	1,000 bales <sup>4</sup>	1,000 bales <sup>4</sup>	1,000 bales <sup>4</sup>	1,000 bales <sup>4</sup>	1,000 bales <sup>4</sup>	1,000 bales <sup>4</sup>	1,000 bales <sup>4</sup>	1,000 bales <sup>4</sup>
1929.....	14,825	4,331	2,458	1,229	1,768	571	303	246	150	108	139	26,860
1930.....	13,932	4,300	2,615	1,587	1,715	483	271	178	139	158	106	26,200
1931.....	17,097	3,325	2,092	1,845	1,317	555	234	210	169	173	206	27,850
1932.....	13,003	3,844	2,720	1,816	1,027	481	242	102	150	247	121	24,450
1933.....	13,047	4,189	2,981	1,887	1,777	1,014	278	260	200	230	135	26,020
1934.....	9,636	3,987	3,243	1,687	1,566	1,328	342	223	205	212	227	23,810
1935.....	10,838	5,553	2,667	2,250	1,709	1,757	356	315	373	269	201	27,815
1936.....	12,399	5,994	3,870	3,400	1,887	1,817	376	397	144	283	268	32,260
1937.....	18,946	5,137	3,556	3,700	2,281	2,075	396	341	237	349	284	38,005
1938.....	11,943	5,170	2,301	3,800	1,728	1,989	378	307	327	253	263	29,960
1939.....	11,817	4,888	1,883	4,000	1,801	2,141	383	312	362	252	245	29,635
1940.....	12,566	5,760	2,354	3,000	1,900	2,507	329	302	232	310	268	31,205
1941.....	10,744	5,820	2,406	( <sup>5</sup> )	1,735	1,844	322	375	373	198	234	27,905
1942.....	12,817	4,283	2,200	( <sup>5</sup> )	877	2,172	262	458	498	94	274	27,340
1943.....	11,427	4,710	1,500	( <sup>5</sup> )	740	2,700	310	515	553	160	175	25,590
1944.....	12,230	3,693	1,600	( <sup>5</sup> )	962	1,626	325	472	532	228	200	24,785
1945.....	9,015	3,529	1,520	1,700	1,082	1,350	329	334	285	101	194	21,195
1946 <sup>6</sup> .....	8,640	3,454	1,925	2,240	1,252	1,300	299	460	334	193	235	21,870
1947 <sup>6</sup> .....	11,851	3,400	2,136	2,600	1,314	1,150	296	499	367	138	212	25,255

<sup>1</sup> These estimates are intended to include the total cotton production in each country, as distinguished from estimates of the "commercial crop" (table 95), which exclude cotton consumed on hand spindles or in other ways, without entering commercial channels. Differences from year to year between these two series of production estimates for a given country may also occur because of changes in stocks of cotton on hand at the beginning and end of the cotton-marketing season, which changes are used in estimating the production of commercial cotton in many foreign countries.

<sup>2</sup> Figures for 1935 to date have been revised through adoption of a series for India, compiled by the Indian Central Cotton Committee.

<sup>3</sup> Includes Manchuria.

<sup>4</sup> Bales of 500 pounds gross weight.

<sup>5</sup> Comparable data not available.

<sup>6</sup> Preliminary.

Office of Foreign Agricultural Relations. Prepared or estimated from official statistics of foreign governments, reports of the United States foreign service officers, and other information.

TABLE 95.—Cotton: Acreage and production in specified countries, averages 1930-34 and 1935-39, annual 1945-47<sup>1</sup>

Continent and country	Acreage					Production <sup>2</sup>				
	Average 1930-34	Average 1935-39	Year beginning August 1—			Average 1930-34	Average 1935-39	Year beginning August 1—		
			1945	1946 <sup>3</sup>	1947 <sup>3</sup>			1945	1946 <sup>3</sup>	1947 <sup>3</sup>
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 bales	1,000 bales	1,000 bales	1,000 bales	1,000 bales
<b>North America:</b>										
El Salvador.....	1	9	24	38	35	1	5	11	20	21
Guatemala.....	( <sup>4</sup> )			7	7	( <sup>4</sup> )	2	3	4	5
Mexico.....	349	725	904	843	865	195	334	434	460	499
Nicaragua.....		9	5	1	1	( <sup>4</sup> )	5	4	1	
United States.....	34,658	27,788	17,241	17,615	21,269	13,343	13,149	9,015	8,640	11,851
British West Indies.....	13	20	12	7	7	3	5	3	2	2
Haiti.....			40	25	25	26	22	11	8	11
Puerto Rico.....	7	2				2	1	2	( <sup>4</sup> )	( <sup>4</sup> )
<b>Total<sup>5</sup>.....</b>	<b>35,131</b>	<b>28,642</b>	<b>18,240</b>	<b>18,541</b>	<b>22,217</b>	<b>13,570</b>	<b>13,523</b>	<b>9,483</b>	<b>9,135</b>	<b>12,392</b>
<b>Europe:</b>										
Bulgaria.....	34	85	61	98	105	11	35	10	20	28
Greece.....	62	168	72	127	106	24	76	28	50	53
Italy.....	5	56	34	41	45		21	9	12	15
Rumania.....	2	8	109	104	109	( <sup>4</sup> )	2	20	9	16
Spain.....	25	46	133	142	108	5	10	8	23	14
Yugoslavia.....	2	8				1	3			
<b>Total Europe (excluding U. S. S. R.)<sup>6</sup>.....</b>	<b>131</b>	<b>372</b>	<b>420</b>	<b>527</b>	<b>505</b>	<b>44</b>	<b>147</b>	<b>77</b>	<b>118</b>	<b>136</b>
<b>U. S. S. R. (Europe and Asia)<sup>7</sup>.....</b>	<b>4,885</b>	<b>5,087</b>	<b>2,995</b>	<b>3,215</b>	<b>3,625</b>	<b>1,764</b>	<b>3,430</b>	<b>1,700</b>	<b>2,240</b>	<b>2,600</b>
<b>Asia:</b>										
Cyprus.....	10	11				2	3	1	2	1
Iran.....	179	453	303	182	205	33	171	92	64	80
Iraq.....	4	53	25	25		1	11	5	4	4
Syria.....	42	85	44	49	52	10	28	22	22	14
Turkey.....	469	667	572	610		112	249	251	272	273
Afghanistan.....							49	20	9	9
Burma.....	364	428	226	135	177	64	97	32	21	33
China (includes Manchuria).....	6,451	7,038	5,600	5,556	6,240	2,730	2,855	1,820	1,925	2,136
French Indochina.....	41	36				7	6			3
India and Pakistan <sup>8</sup> .....	23,258	24,204	13,751	14,860		3,029	5,348	3,529	3,484	3,400
Korea.....	448	564	442	312	355	145	180	103	75	64
Netherlands Indies.....	22	27				5	9		1	1
Philippine Islands.....	2	5	10	5		( <sup>4</sup> )	1	2		( <sup>4</sup> )
Siam.....	8	16				3	7	17	26	26
<b>Total Asia (excluding U. S. S. R.)<sup>9</sup>.....</b>	<b>31,411</b>	<b>33,805</b>	<b>21,231</b>	<b>21,976</b>	<b>22,270</b>	<b>7,065</b>	<b>9,020</b>	<b>5,917</b>	<b>5,906</b>	<b>6,089</b>
<b>South America:</b>										
Argentina.....	436	770	813	892	1,037	191	289	285	334	367
Brazil.....	2,446	5,562	5,000	5,500	4,900	772	1,956	1,350	1,300	1,150
Colombia.....	35	98				14	23	21	22	21
Ecuador.....		40	32	35		6	13	7	10	5
Paraguay.....	37	111	124	126	95	19	40	44	55	29
Peru.....	342	428	346	309	321	298	384	329	299	296
Venezuela.....		50				11	11	13	11	14
<b>Total<sup>10</sup>.....</b>	<b>3,368</b>	<b>7,060</b>	<b>6,512</b>	<b>7,049</b>	<b>6,574</b>	<b>1,311</b>	<b>2,716</b>	<b>2,049</b>	<b>2,031</b>	<b>1,882</b>

TABLE 95.—Cotton: Acreage and production in specified countries, averages 1930-34 and 1935-39, annual 1945-47<sup>1</sup>—Continued

Continent and country	Acreage					Production <sup>1</sup>				
	Average 1930-34	Average 1935-39	Year beginning August 1—			Average 1930-34	Average 1935-39	Year beginning August 1—		
			1945	1946 <sup>2</sup>	1947 <sup>2</sup>			1945	1946 <sup>2</sup>	1947 <sup>2</sup>
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 bales	1,000 bales	1,000 bales	1,000 bales	1,000 bales
Africa and Oceania:										
Anglo-Egyptian Sudan.....	349	439	321	336	363	159	248	194	235	212
Belgian Congo.....	476	874	760	766	754	71	172	181	172	172
Kenya.....					28	4	13	4	4	4
Nyasaland.....	35	84				6	12	7	8	11
Tanganyika.....	108					20	50	35	34	33
Uganda.....	991	1,477	1,146	1,253	1,033	206	281	191	193	138
Egypt.....	1,743	1,821	1,020	1,258	1,302	1,480	1,893	1,082	1,252	1,314
French Equatorial Africa.....	154	390				14	41	109	76	115
French Morocco.....	( <sup>4</sup> )	1	4			( <sup>4</sup> )	( <sup>4</sup> )	2	2	( <sup>4</sup> )
French West Africa.....						20	28	9	9	14
Mozambique.....	65					11	<sup>3</sup> 33	99	93	95
Nigeria.....						23	36	31	29	19
Angola.....	12	73			185	3	13	20	27	25
Australia.....	56	53	7	9	10	12	11	2	2	2
Total <sup>5</sup> .....	4,349	6,176	5,234	5,517	5,294	2,040	2,840	1,969	2,140	2,156
Total world.....	79,275	81,142	54,632	56,725	60,525	25,794	31,676	21,195	21,570	25,255

<sup>1</sup> These estimates represent total acreage and production in each country, including cotton consumed on hand spindles or in other ways without entering commercial channels. For this reason they should average somewhat larger than estimates of the "commercial crop." (See table 96.)

<sup>2</sup> United States production in bales of 500 pounds gross (480 pounds net); others in bales of 478 pounds net through 1945 and 480 pounds thereafter.

<sup>3</sup> Preliminary.

<sup>4</sup> Less than 500.

<sup>5</sup> All subtotals include estimates for minor-producing countries not listed above and allowances for other figures not available.

<sup>6</sup> Figures from 1943 to date are not comparable with prewar figures because of boundary changes.

<sup>7</sup> All production figures, except the 1930-34 average, are revised through the adoption of a series compiled by the Indian Central Cotton Committee.

<sup>8</sup> Planted area.

<sup>9</sup> Exports.

Office of Foreign Agricultural Relations. Prepared or estimated on the basis of official statistics of foreign governments, reports of United States foreign service officers, and results of office research.

TABLE 96.—Cotton, commercial: World carry-over, production, supply, and mill consumption, 1933-48<sup>1</sup>

## CARRY-OVER, BEGINNING OF SEASON

Year beginning August—	Foreign								American		All growths
	Egyptian		Indian		Sundries		Total foreign growths		Quantity	Percentage of all growths	
	Quantity	Per- centage of all growths	Quantity	Per- centage of all growths	Quantity	Per- centage of all growths	Quantity	Per- centage of all growths			
	1,000 bales <sup>1</sup>	Percent	1,000 bales <sup>1</sup>	Percent	1,000 bales <sup>1</sup>	Percent	1,000 bales <sup>1</sup>	Percent	1,000 bales <sup>1</sup>	Percent	1,000 bales <sup>1</sup>
1938.....	1,095	4.8	3,226	14.2	4,594	20.3	8,915	39.3	13,787	60.7	22,702
1939.....	901	4.2	2,890	13.4	3,710	17.1	7,501	34.7	14,137	65.3	21,638
1940.....	927	4.5	2,849	14.1	3,944	19.5	7,720	38.1	12,642	61.9	20,262
1941.....	1,727	7.8	5,266	14.7	4,387	19.8	9,370	42.3	12,797	57.7	22,167
1942.....							11,420	50.6	11,165	49.4	22,585
1943.....							12,290	52.1	11,280	47.9	23,570
1944.....							14,163	55.8	11,241	44.2	25,404
1945.....							14,448	54.3	12,150	45.7	26,598
1946.....							13,307	57.8	9,734	42.2	23,041
1947 <sup>2</sup> .....							11,972	69.5	5,250	30.5	17,222
1948 <sup>3</sup> .....							9,405	68.5	4,323	31.5	13,728

## PRODUCTION

1938.....	1,703	6.2	4,574	16.6	9,567	34.8	15,844	57.6	11,665	42.4	27,509
1939.....	1,785	6.5	4,430	16.2	9,703	35.5	15,908	58.2	11,418	41.8	27,326
1940.....	1,900	6.6	4,960	17.3	9,545	33.2	16,405	57.1	12,315	42.9	28,720
1941.....	1,718	6.7	4,920	19.2	8,350	32.6	14,988	58.5	10,628	41.5	25,616
1942.....	863	3.4	3,840	15.0	8,345	32.6	13,048	51.0	12,534	49.0	25,582
1943.....	650	2.7	4,200	17.1	8,596	35.0	13,446	54.8	11,075	45.2	24,521
1944.....							11,637	49.2	11,994	50.8	23,631
1945.....							10,918	54.9	8,972	45.1	19,890
1946.....							11,697	57.7	8,582	42.3	20,279
1947 <sup>3</sup> .....							11,937	50.6	11,643	49.4	23,580
1948 <sup>4</sup> .....							12,800	46.7	14,626	53.3	27,426

## SUPPLY

1938.....	2,798	5.6	7,800	15.5	14,161	28.2	24,759	49.3	25,452	50.7	50,211
1939.....	2,686	5.5	7,310	14.9	13,413	27.4	23,409	47.8	25,555	52.2	48,964
1940.....	2,827	5.8	7,809	16.0	13,489	27.5	24,125	49.3	24,837	50.7	48,962
1941.....	3,445	7.2	8,176	17.1	12,737	26.7	24,358	51.0	23,425	49.0	47,783
1942.....							24,468	50.8	23,099	49.2	47,567
1943.....							25,736	53.5	22,355	46.5	48,091
1944.....							25,800	52.6	23,235	47.4	49,035
1945.....							25,366	54.6	21,122	45.4	46,488
1946.....							25,004	57.7	18,316	42.3	43,320
1947 <sup>3</sup> .....							23,909	58.6	16,893	41.4	40,802
1948 <sup>4</sup> .....							22,205	54.0	18,949	46.0	41,154

MILL CONSUMPTION<sup>5</sup>

1938.....	1,897	6.6	4,910	17.2	10,451	36.7	17,258	60.5	11,249	39.5	28,507
1939.....	1,759	6.1	4,461	15.7	9,400	33.0	16,020	54.8	12,876	45.2	28,896
1940.....	1,100	4.1	4,553	17.2	9,002	33.8	14,655	55.1	11,940	44.9	26,595
1941.....							12,873	51.4	12,160	48.6	25,033
1942.....							12,014	49.5	12,279	50.5	24,293
1943.....							11,520	51.1	11,046	48.9	22,566
1944.....							11,276	50.8	10,928	49.2	22,204
1945.....							12,009	52.0	11,101	48.0	23,110
1946.....							12,933	49.9	12,960	50.1	25,893
1947 <sup>3</sup> .....							14,405	53.6	12,475	46.4	26,880

<sup>1</sup> Includes only raw cotton produced for factory consumption and does not include large quantities grown in India and China and to some extent in other countries for consumption on hand spindles or for use in other non-commercial ways.

<sup>2</sup> American in running bales (counting round bales as half bales); foreign, in bales of approximately 478 pounds net through 1945; since then 480 pounds.

<sup>3</sup> Preliminary.

<sup>4</sup> Excludes cotton destroyed.

Bureau of Agricultural Economics. Compiled from reports of the New York Cotton Exchange Service and estimates of the Department of Agriculture. Data for 1920-37 in Agricultural Statistics, 1942, table 146.

TABLE 97.—Cotton: Supply and distribution, United States, 1938-48

Year beginning August—	Supply					Distribution					
	Carry-over beginning of season		Ginnings in season <sup>1</sup>	Imports <sup>2</sup>	Total supply	Consumption		De- stroyed	Ex- ports <sup>3</sup>	Carry-over end of season	
	Foreign	Total				Foreign	Total			Foreign	Total
	1,000 bales	1,000 bales	1,000 bales	1,000 bales	1,000 bales	1,000 bales	1,000 bales	1,000 bales	1,000 bales	1,000 bales	1,000 bales
1938.....	87	11,533	11,617	132	23,282	122	6,858	66	3,325	76	13,033
1939.....	76	13,033	11,420	159	24,612	128	7,784	73	6,191	95	10,564
1940.....	95	10,564	12,318	188	23,070	146	9,722	70	1,112	140	12,166
1941.....	140	12,166	10,552	252	22,970	196	11,170	50	1,125	135	10,640
1942.....	135	10,640	12,496	168	23,304	170	11,100	60	1,480	88	10,657
1943.....	88	10,657	11,083	129	21,869	114	9,943	50	1,138	118	10,744
1944.....	118	10,744	11,924	190	22,858	120	9,568	50	2,007	124	11,164
1945.....	124	11,164	8,852	343	20,359	198	9,163	60	3,613	153	7,326
1946.....	153	7,326	8,574	270	16,170	259	10,025	16	3,544	132	2,530
1947.....	132	2,530	11,643	244	14,417	246	9,354	20	1,968	93	3,082
1948 <sup>4</sup> .....	93	3,082	-----	-----	-----	-----	-----	-----	-----	-----	-----

<sup>1</sup> Ginnings during the 12 months, August 1 through July 31. Includes an allowance for "city crop" which consists of rebaled samples and pickings from cotton damaged by fire and weather.

<sup>2</sup> Total imports minus reexports.

<sup>3</sup> Total exports minus reimports.

<sup>4</sup> Supply exceeds distribution.

<sup>5</sup> Preliminary.

Production and Marketing Administration. Compiled from reports of the Bureau of the Census. American in running bales, counting round as half bales, and foreign in equivalent bales of 500 pounds.

TABLE 98.—Cotton: Mill consumption, by growths, United States, 1938-47

Year beginning August—	Domestic				Foreign					All growths
	Upland	American Egyptian	Sea Island	Total	Egyptian	Chinese	Indian	Other	Total	
	Bales	Bales	Bales	Bales	Bales	Bales	Bales	Bales	Bales	Bales
1938.....	6,714,266	18,638	3,226	6,736,130	53,185	24,536	39,701	4,874	122,296	6,858,426
1939.....	7,030,954	21,204	3,166	7,055,324	55,903	7,922	61,956	4,669	128,450	7,783,774
1940.....	9,545,314	26,937	3,270	9,575,521	60,884	4,459	77,929	2,910	146,182	9,721,703
1941.....	10,922,303	47,031	4,281	10,973,615	83,854	2,141	103,536	6,960	196,491	11,170,106
1942.....	10,874,337	49,783	5,664	10,929,784	103,607	1,708	58,903	6,080	170,298	11,100,082
1943.....	9,782,457	43,784	3,254	9,829,495	66,736	271	42,274	4,594	113,875	9,943,370
1944.....	9,403,831	43,533	1,067	9,448,431	65,705	297	49,257	4,242	119,501	9,567,932
1945.....	8,945,637	19,485	503	8,965,625	77,426	-----	108,367	11,789	197,582	9,163,207
1946.....	9,755,578	9,477	-----	9,765,355	106,512	-----	125,972	26,972	259,456	10,024,811
1947.....	9,103,096	5,220	-----	9,108,316	119,389	-----	100,384	26,303	246,076	9,354,392

Production and Marketing Administration. Compiled from reports of the Bureau of the Census. American in running bales, counting round as half bales, and foreign in equivalent bales of 500 pounds.



TABLE 99.—Cotton: Carry-over, ginnings, supply, and disappearance of American upland, by grade, United States, 1938-1948

Year beginning August—	Extra White and White						Spotted			Other Col- ored <sup>1</sup>	All grades <sup>2</sup>
	Good Mid- dling and Better	Strict Mid- dling	Mid- dling	Strict Low Mid- dling	Low Mid- dling	Strict Good Ordin- ary and Good Ordinary	Strict Mid- dling and Better	Mid- dling	Strict Low Mid- dling		
	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>
1938.....	133	1,298	3,439	2,685	1,165	435	714	889	282	396	11,436
1939.....	195	2,005	4,097	3,073	1,052	131	609	814	148	219	12,943
1940.....	179	1,428	3,524	2,858	734	69	702	651	118	190	10,453
1941.....	198	1,601	4,177	3,225	731	163	806	677	147	286	12,011
1942.....	77	966	2,761	2,852	1,174	428	622	775	371	449	10,475
1943.....	70	710	2,689	2,861	1,524	627	494	793	387	375	10,530
1944.....	90	1,043	2,770	2,970	1,397	564	489	702	276	258	10,559
1945.....	64	784	2,696	2,954	1,469	1,005	574	774	269	417	11,006
1946.....	36	594	1,943	1,720	760	934	261	356	187	374	7,165
1947.....	52	419	646	489	242	313	27	48	56	100	2,392
1948.....	57	530	1,005	520	295	214	49	75	87	156	2,988

GINNINGS												
1938.....	315	2,344	3,779	2,161	346	57	1,432	975	102	87	11,598	
1939.....	188	1,925	3,830	2,940	559	121	776	874	144	95	11,452	
1940.....	69	1,468	5,290	3,459	589	377	435	214	140	320	12,261	
1941.....	29	773	3,446	3,133	1,086	518	449	404	286	300	10,434	
1942.....	40	855	4,302	3,916	1,243	475	605	538	196	193	12,363	
1943.....	163	1,475	3,584	3,745	1,009	238	413	294	64	84	11,069	
1944.....	11	486	3,702	4,333	1,484	646	270	380	130	389	11,831	
1945.....	10	364	2,328	2,924	1,196	813	273	399	161	341	8,809	
1946.....	34	655	2,652	2,866	781	440	381	451	122	133	8,515	
1947.....	365	2,452	4,078	1,779	819	364	698	378	263	355	11,551	

SUPPLY <sup>4</sup>												
1938.....	448	3,642	7,218	4,846	1,511	492	2,146	1,864	384	483	23,034	
1939.....	383	3,930	8,527	6,013	1,611	252	1,385	1,688	292	314	24,395	
1940.....	248	2,896	8,814	6,317	1,323	446	1,037	865	258	510	22,714	
1941.....	227	2,374	7,623	6,358	1,817	682	1,255	1,081	433	595	22,445	
1942.....	117	1,821	7,063	6,768	2,417	903	1,227	1,313	567	642	22,538	
1943.....	233	2,185	6,273	6,606	2,533	865	907	1,087	451	459	21,599	
1944.....	101	1,529	6,472	7,303	2,581	1,210	759	1,082	406	647	22,390	
1945.....	74	1,148	5,024	5,578	2,665	1,818	847	1,173	430	758	19,815	
1946.....	70	1,249	4,585	4,586	1,541	1,374	642	807	309	507	15,680	
1947.....	417	2,871	4,724	2,268	1,061	677	725	426	319	455	13,943	

DISAPPEARANCE <sup>5</sup>												
1938.....	253	1,637	2,521	1,773	459	361	1,537	1,050	236	264	10,091	
1939.....	204	2,502	5,003	3,155	877	183	683	1,037	174	124	13,942	
1940.....	50	1,295	4,637	3,092	592	283	231	188	111	224	10,703	
1941.....	150	1,408	4,862	3,506	643	254	633	306	62	146	11,970	
1942.....	47	1,111	4,374	3,907	893	276	733	520	180	267	12,308	
1943.....	143	1,142	3,503	3,636	1,136	301	418	385	175	201	11,040	
1944.....	37	745	3,776	4,349	1,412	205	185	308	137	230	11,384	
1945.....	38	554	3,081	4,158	1,905	884	586	817	243	384	12,650	
1946.....	18	830	3,949	4,097	1,299	1,061	615	759	253	407	13,288	
1947.....	360	2,341	3,721	1,749	767	464	676	351	232	299	10,960	

<sup>1</sup> Includes Low Middling Spotted and all grades of Tinged, Yellow Stained, and Gray. Below grade is also included.<sup>2</sup> Bureau of the Census.<sup>3</sup> Running bales; round bales counted as half bales.<sup>4</sup> Carry-over at the beginning of the season, plus ginnings.<sup>5</sup> Supply minus carry-over at the end of the season.

Production and Marketing Administration.



TABLE 100.—Cotton: Carry-over, ginnings, supply, and disappearance of American upland, by staple lengths, United States, 1938-48

## CARRY-OVER

Year beginning August—	$\frac{3}{8}$ inch and shorter <sup>1</sup>	$\frac{7}{8}$ and $\frac{1}{2}$ inch	$\frac{5}{8}$ and $\frac{3}{4}$ inch	1 and $\frac{1}{8}$ inches	$1\frac{1}{8}$ and $1\frac{1}{4}$ inches	$1\frac{1}{4}$ and $1\frac{3}{4}$ inches	$1\frac{3}{4}$ and $1\frac{7}{8}$ inches	$1\frac{7}{8}$ inches and longer	All staple lengths <sup>2</sup>
	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>
1938.....	1,326	3,742	2,814	1,957	1,094	370	114	19	11,436
1939.....	1,248	3,481	3,069	2,745	1,631	671	76	22	12,943
1940.....	781	2,827	2,583	2,149	1,443	578	54	38	10,453
1941.....	705	2,853	3,254	2,780	1,688	598	84	49	12,011
1942.....	876	2,751	2,335	2,570	1,301	472	107	63	10,475
1943.....	1,075	2,711	2,040	2,246	1,723	521	136	78	10,530
1944.....	1,327	2,525	2,208	2,631	1,288	386	137	57	10,559
1945.....	1,166	2,063	2,010	2,764	1,833	385	104	51	11,006
1946.....	562	1,172	1,228	2,103	1,562	385	105	48	7,165
1947.....	25	164	343	1,022	544	213	62	29	2,392
1948.....	53	242	398	1,219	795	238	29	14	2,988

## GINNINGS

1938.....	510	2,006	3,124	2,964	2,024	764	155	51	11,598
1939.....	627	2,397	2,780	3,351	1,762	426	76	33	11,452
1940.....	334	1,591	2,990	4,185	2,506	534	67	45	12,261
1941.....	441	1,224	2,265	3,821	1,968	496	139	80	10,434
1942.....	531	1,668	2,586	4,331	2,518	521	110	98	12,363
1943.....	858	1,257	2,593	4,230	1,631	302	142	56	11,069
1944.....	550	1,330	2,188	4,884	2,539	254	65	21	11,831
1945.....	234	677	1,697	3,699	2,262	181	40	19	8,609
1946.....	168	620	1,108	3,494	2,879	201	30	15	8,515
1947.....	813	1,203	1,772	4,985	2,580	128	8	2	11,551

SUPPLY<sup>4</sup>

1938.....	1,836	5,748	5,938	4,921	3,118	1,134	269	70	23,034
1939.....	1,875	5,878	5,849	6,096	3,393	1,097	152	55	24,395
1940.....	1,115	4,418	5,582	6,334	3,949	1,112	121	83	22,714
1941.....	1,146	4,077	5,519	6,601	3,656	1,094	223	129	22,445
1942.....	1,407	4,419	4,921	6,901	3,819	993	217	161	22,838
1943.....	1,933	3,968	4,633	6,476	3,354	823	278	134	21,599
1944.....	1,877	3,855	4,396	7,515	3,827	640	202	78	22,390
1945.....	1,400	3,370	3,707	6,463	4,095	566	144	70	19,815
1946.....	730	1,792	2,336	5,597	4,441	586	135	63	15,680
1947.....	838	1,427	2,115	6,007	3,124	341	60	31	13,943

DISAPPEARANCE<sup>5</sup>

1938.....	558	2,267	2,869	2,176	1,487	463	193	48	10,091
1939.....	1,094	3,051	3,266	3,947	1,950	519	98	17	13,942
1940.....	410	1,565	2,328	3,554	2,261	514	37	34	10,703
1941.....	270	1,326	3,184	4,031	2,355	622	116	66	11,970
1942.....	332	1,708	2,881	4,655	2,096	472	81	83	12,308
1943.....	606	1,443	2,425	3,845	2,066	437	141	77	11,040
1944.....	711	1,162	2,386	4,751	1,994	255	98	27	11,384
1945.....	838	2,198	2,479	4,360	2,533	181	39	22	12,650
1946.....	705	1,628	1,993	4,575	3,897	373	83	34	13,288
1947.....	785	1,185	1,719	4,791	2,330	103	30	17	10,960

<sup>1</sup> Includes "No staple" and "perished staple."<sup>2</sup> Bureau of the Census.<sup>3</sup> Running bales; round bales counted as half bales.<sup>4</sup> Carry-over at the beginning of the season, plus ginnings.<sup>5</sup> Supply minus carry-over at the end of the season.

Production and Marketing Administration.

TABLE 101.—Cotton: Grade index and average staple length of upland cotton ginned in the United States, by States, 1943-47

State	Grade index <sup>1</sup>					Average staple length <sup>2</sup>				
	1943	1944	1945	1946	1947	1943	1944	1945	1946	1947
						<i>32ds of an inch</i>	<i>32ds of an inch</i>	<i>32ds of an inch</i>	<i>32ds of an inch</i>	<i>32ds of an inch</i>
Alabama.....	97.2	95.9	96.5	96.1	98.7	30.8	31.6	32.0	32.4	32.1
Arizona.....	94.0	92.8	94.4	92.1	93.9	33.5	33.2	32.6	32.6	32.2
Arkansas.....	96.4	94.9	95.0	93.0	96.3	32.2	32.8	32.7	33.3	32.3
California.....	100.2	91.4	94.4	97.3	101.2	34.4	33.3	33.5	33.5	33.7
Florida.....	96.8	93.3	94.5	97.6	96.1	32.9	33.0	32.5	32.8	32.5
Georgia.....	96.3	95.2	92.9	95.5	96.3	31.4	31.8	32.1	32.2	32.3
Louisiana.....	96.3	95.8	94.5	95.8	96.7	32.2	32.4	33.5	33.4	33.1
Mississippi.....	97.1	95.9	92.9	96.6	98.6	33.4	33.7	33.8	34.2	33.3
Missouri.....	91.6	93.0	93.5	89.5	93.1	33.4	33.4	32.7	33.4	33.3
New Mexico.....	98.4	95.6	96.9	98.3	96.9	34.5	34.2	34.4	34.5	34.2
North Carolina.....	95.4	88.7	90.1	93.2	89.3	32.5	32.7	32.5	33.2	32.3
Oklahoma.....	94.0	87.8	96.8	90.3	93.9	28.6	29.5	28.9	29.3	28.7
South Carolina.....	95.3	90.8	88.9	94.9	94.5	33.0	32.9	32.3	33.1	32.9
Tennessee.....	94.5	95.6	88.6	94.0	96.7	31.9	32.8	32.2	32.9	32.7
Texas.....	96.0	92.0	92.1	94.6	97.0	29.1	29.3	30.3	30.5	29.5
Virginia.....	92.5	88.7	92.5	93.8	91.1	32.0	32.7	32.5	32.6	32.7
All other <sup>3</sup> .....	91.0	96.0	85.5	87.3	91.3	33.0	32.6	32.7	32.7	32.6
United States.....	96.2	93.4	91.8	94.5	96.9	31.5	31.9	32.2	32.6	31.7

<sup>1</sup> Computed by weighting the quantity in each grade by the 1937-39 average price per pound for such grade of  $\frac{1}{8}$ -inch staple. Converted to an index on basis Middling White equals 100.

<sup>2</sup> Averages calculated on numerical equivalents of the staple-length designations. For example  $\frac{1}{8}$  = 28,  $\frac{3}{8}$  = 20, etc.

<sup>3</sup> Illinois and Kentucky.

Production and Marketing Administration.

TABLE 102.—Cotton: Carry-over and ginnings of American Egyptian, by grade and staple length, United States, 1938-48

Year beginning August—	Grade					Staple length (inches)						
	1 and $\frac{1}{2}$	2 and $\frac{1}{2}$	3 and $\frac{1}{2}$	4 and $\frac{1}{2}$	5 and below	$\frac{1}{8}$ and shorter	$\frac{1}{8}$	$\frac{1}{8}$ <sup>1</sup>	$\frac{1}{2}$	$\frac{1}{8}$	$\frac{1}{8}$ and longer	All grades and all lengths <sup>3</sup>
	1,000 bales <sup>2</sup>	1,000 bales <sup>2</sup>	1,000 bales <sup>2</sup>	1,000 bales <sup>2</sup>	1,000 bales <sup>2</sup>	1,000 bales <sup>2</sup>	1,000 bales <sup>2</sup>	1,000 bales <sup>2</sup>	1,000 bales <sup>2</sup>	1,000 bales <sup>2</sup>	1,000 bales <sup>2</sup>	1,000 bales <sup>2</sup>
1938.....	5.5	3.3	1.0	0.2	0.3	-----	0.3	4.9	4.3	0.3	10.3	13.7
1940.....	3.2	5.7	4.1	7	-----	-----	3.5	6.1	4.1	-----	13.7	15.7
1941.....	3.9	6.2	4.5	1.0	1	-----	4.2	9.9	1.6	-----	15.7	25.1
1942.....	15.7	7.0	1.5	.8	1	-----	0.8	4.3	19.4	.6	-----	36.5
1943.....	17.5	8.5	7.9	2.2	.4	0.1	3.8	12.4	17.0	3.2	-----	66.5
1944.....	23.5	27.2	12.2	2.6	-----	-----	5.9	25.2	33.3	1.1	-----	31.9
1945.....	8.1	13.3	8.8	1.3	.4	-----	4.2	12.9	13.9	.9	-----	5.7
1946.....	1.7	2.6	.6	.7	1	-----	.6	2.4	-----	-----	-----	2.5
1947.....	2.3	.7	.5	.2	-----	-----	.2	1.1	2.4	-----	-----	-----
1948.....	1.8	.6	-----	.1	-----	-----	-----	.1	2.3	.1	-----	-----

GINNINGS												
1938.....	14.9	5.1	0.5	-----	-----	-----	0.3	4.9	10.0	5.3	-----	20.5
1939.....	5.6	11.3	8.5	1.8	0.1	-----	1.4	8.5	13.7	3.2	-----	26.5
1940.....	5.5	13.8	8.5	3.0	.5	-----	0.1	18.8	4.4	-----	-----	32.3
1941.....	22.5	23.1	10.8	1.3	.2	-----	-----	13.7	36.5	7.7	-----	57.9
1942.....	40.3	18.4	10.7	3.9	.5	0.9	9.8	31.2	29.9	2.0	-----	73.8
1943.....	26.3	25.2	7.4	.7	-----	.1	2.4	26.0	30.4	.7	-----	59.6
1944.....	2.6	2.6	2.4	1.0	-----	-----	.2	3.0	5.4	-----	-----	8.6
1945.....	1.7	2.0	.3	1.1	-----	-----	1.3	2.7	-----	-----	-----	4.1
1946.....	1.3	.8	.3	-----	-----	-----	-----	.4	1.9	.1	-----	2.4
1947.....	.8	.3	.1	-----	-----	-----	-----	.2	.9	.1	-----	1.2

<sup>1</sup> Includes cotton  $\frac{1}{8}$  inches and shorter prior to 1942.

<sup>2</sup> Bureau of the Census.

<sup>3</sup> Running bales.

Production and Marketing Administration.

TABLE 103.—Cotton: Staple length of foreign growths in the carry-over on Aug. 1, United States, 1939-48

Growth and staple length (inches)	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948
	1,000 bales <sup>1</sup>	1,000 bales <sup>1</sup>	1,000 bales <sup>1</sup>	1,000 bales <sup>1</sup>	1,000 bales <sup>1</sup>	1,000 bales <sup>1</sup>	1,000 bales <sup>1</sup>	1,000 bales <sup>1</sup>	1,000 bales <sup>1</sup>	1,000 bales <sup>1</sup>
Egyptian:										
1 $\frac{1}{2}$ and shorter	0.7	0.5	0.4	0.6			0.3	0.2		
1 $\frac{1}{2}$ and 1 $\frac{3}{4}$	.3	1.4	1.2	2.0	3.0	1.2	2.7	.7		
1 $\frac{3}{4}$ to 1 $\frac{1}{2}$	3.1	20.2	19.0	16.6	10.1	21.9	35.2	10.8	3.1	0.7
1 $\frac{3}{4}$ to 1 $\frac{3}{8}$	14.2	11.7	19.5	13.0	16.0	27.5	11.0	16.3	34.6	12.2
1 $\frac{3}{8}$ to 1 $\frac{1}{2}$	7.3	4.1	5.3	6.3	8.9	11.3	9.7	12.0	16.8	19.3
1 $\frac{1}{2}$ to 1 $\frac{3}{8}$	.1	.6						.1		1.4
1 $\frac{3}{8}$ and longer										
All lengths <sup>2</sup>	25.7	38.5	45.4	38.5	38.0	61.9	58.9	40.1	54.5	33.6
Peruvian:										
1 $\frac{1}{2}$ and shorter										.1
1 and 1 $\frac{1}{2}$	.1									
1 $\frac{1}{2}$ and 1 $\frac{3}{4}$			.1			.1			.2	
1 $\frac{3}{4}$ and 1 $\frac{1}{2}$			.2	.1				.4	.9	
1 $\frac{1}{2}$ and 1 $\frac{3}{8}$			.7	.1	.1	.2	.2	.4	.6	.1
1 $\frac{3}{8}$ and 1 $\frac{1}{2}$	.2	.6	.2	2.6	1.2	2.1	3.4	5.6	12.8	7.2
All lengths <sup>2</sup>	.3	.6	1.2	2.8	1.3	2.4	3.6	6.4	14.5	7.4
Chinese: 1 $\frac{1}{2}$ and shorter	11.9	6.5	3.7	2.5	1.0	.8	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
All lengths <sup>2</sup>	11.9	6.5	3.7	2.5	1.0	.8	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
British Indian:										
1 $\frac{1}{2}$ and shorter	34.6	46.1	58.2	89.8	45.4	40.9	47.0	101.7	60.8	46.4
1 $\frac{1}{2}$ and 1 $\frac{3}{4}$		.1								
1 $\frac{3}{4}$ and 1 $\frac{1}{2}$										
1 and longer		.8								
All lengths <sup>2</sup>	34.6	47.0	58.2	89.8	45.4	40.9	47.0	101.7	60.8	46.4
Other foreign:										
1 $\frac{1}{2}$ and shorter	1.1		.4		.1		.8	.5	.2	.5
1 $\frac{1}{2}$ and 1 $\frac{3}{4}$	.6		.2		.1			.2		
1 $\frac{3}{4}$ and 1 $\frac{1}{2}$			1.3	.9	.6			1.6	.4	
1 and 1 $\frac{1}{2}$	.1	.1	17.1	.8	.5	9.6	10.4	2.2	1.0	.1
1 $\frac{1}{2}$ and 1 $\frac{3}{8}$			9.6		.2	2.6		.1	.1	.0
1 $\frac{3}{8}$ and 1 $\frac{1}{2}$										
1 $\frac{1}{2}$ and 1 $\frac{3}{8}$	1.9	2.3	2.5	.2	.7	1.7	4.7	2.0	.9	1.7
1 $\frac{3}{8}$ and longer										
All lengths <sup>2</sup>	3.7	2.4	31.1	1.9	2.2	13.9	15.9	6.6	2.6	2.3

<sup>1</sup> Equivalent 500-pound bales.<sup>2</sup> Bureau of the Census.<sup>3</sup> Included in "Other foreign."

Production and Marketing Administration.

TABLE 104.—Cotton: Estimated cost of production, by selected States, regions, and the United States, 1939-46<sup>1</sup>

State and region	Average 1939-46				Net cost per pound of lint, including rent of land								
	Acre- age har- vested	Yield of lint per acre <sup>2</sup>	Net cost in- cluding rent		1939	1940	1941 <sup>3</sup>	1942 <sup>3</sup>	1943 <sup>3</sup>	1944 <sup>3</sup>	1945 <sup>3</sup>	1946 <sup>3</sup>	
			Per acre	Per pound of lint									
STATE	1,000 acres	Pound	Dollars	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	
North Carolina.....	741	329	57.56	14.7	10.8	8.3	9.8	11.7	16.6	16.1	21.1	23.2	
South Carolina.....	1,113	329	44.14	13.4	7.8	7.8	16.6	11.9	14.1	13.6	18.0	19.1	
Georgia.....	1,601	245	39.34	16.1	10.5	10.2	14.7	13.5	15.7	16.6	20.5	25.6	
Alabama.....	1,673	261	41.40	15.9	12.8	13.0	11.5	13.0	14.9	14.8	17.3	24.1	
Tennessee.....	676	390	44.75	11.5	8.1	7.9	7.2	9.5	14.2	14.1	15.1	16.2	
Mississippi.....	2,386	330	45.02	13.6	9.1	11.2	9.6	9.7	13.3	15.5	18.2	27.1	
Louisiana.....	977	262	40.82	15.6	8.2	13.2	16.8	12.0	12.6	16.5	22.8	36.1	
Arkansas.....	1,874	356	45.48	12.8	7.6	7.6	7.9	10.4	15.3	15.5	18.2	18.6	
Oklahoma.....	1,316	178	29.23	16.4	11.9	9.0	9.8	13.3	24.0	18.0	29.7	31.9	
Texas.....	7,431	174	28.66	16.5	10.9	10.0	11.7	14.0	17.0	19.5	25.4	28.1	
REGION													
Coastal Plain <sup>4</sup> .....	3,336	257	43.18	16.8	11.8	11.7	14.4	13.5	15.5	15.8	22.1	28.5	
Piedmont <sup>5</sup> .....	1,804	306	44.51	14.5	9.1	8.8	13.5	11.7	16.0	15.8	18.4	22.0	
Eastern hilly areas <sup>6</sup> .....	2,197	332	43.29	13.0	9.8	9.6	8.4	10.1	13.9	14.4	15.9	20.3	
River-bottom areas <sup>7</sup> .....	2,550	391	50.24	12.8	7.0	8.6	7.9	9.5	12.6	15.1	17.9	21.0	
Western hilly areas <sup>8</sup> .....	3,193	241	36.42	15.1	9.4	9.0	11.9	14.3	18.2	19.2	25.2	24.4	
Gulf Coast prairie and Texas black prairie <sup>9</sup> .....	3,184	170	29.95	17.6	10.5	10.2	15.0	15.7	16.2	21.3	26.2	33.4	
Western dry areas <sup>10</sup> .....	3,966	176	25.34	14.4	11.8	9.6	8.3	11.4	17.9	16.4	22.5	24.8	
Irrigation areas <sup>11</sup> .....	792	515	70.34	13.7	9.0	9.2	10.5	14.1	17.5	19.3	20.9	18.3	
United States <sup>12</sup> .....	21,022	264	39.07	14.8	9.6	9.6	10.6	12.1	15.5	16.6	20.5	27.6	

<sup>1</sup> Costs for each year indicated are based on average yields of cotton lint (gross weight) for that year and on prevailing cost rates for labor, farm power, materials, equipment, and land rent during the year.

<sup>2</sup> Obtained by dividing the production of lint in terms of 500-pound bales by the acreage harvested.

<sup>3</sup> Costs for 1941-46 inclusive are for upland cotton only.

<sup>4</sup> Includes the lower and upper Coastal Plain of Virginia, North Carolina, South Carolina, Georgia, Florida, Alabama, Mississippi, Louisiana, and the black prairie belt of Alabama and Mississippi.

<sup>5</sup> Includes the rolling and hilly uplands of Virginia, North Carolina, South Carolina, Georgia, and Alabama, which border the Blue Ridge Mountains on the east and south.

<sup>6</sup> Includes Tennessee exclusive of Lake County, the hilly cotton lands of northern Mississippi, northern Alabama and northern Georgia, and western North Carolina.

<sup>7</sup> Includes the principal bottom lands of the Mississippi, Arkansas, and Red Rivers.

<sup>8</sup> Includes the hilly lands of Arkansas, Louisiana, southern Missouri, eastern Texas, and eastern Oklahoma.

<sup>9</sup> Includes the Gulf Coast prairie of Texas and Louisiana, and the black waxy prairie of Texas.

<sup>10</sup> Includes the dry-land areas of western Oklahoma, western Texas, and eastern New Mexico.

<sup>11</sup> Includes the irrigated cotton lands of California, Arizona, New Mexico, and Texas.

<sup>12</sup> Includes the 16 States of Virginia, North Carolina, South Carolina, Georgia, Florida, Alabama, Tennessee, Mississippi, Louisiana, Arkansas, Missouri, Oklahoma, Texas, New Mexico, Arizona, and California.

Bureau of Agricultural Economics. See also table 682.

TABLE 105.—Cotton: Estimated average cost per 500-pound gross weight bale to farmers for ginning cotton (including bagging and ties), by States, 1938-47<sup>1</sup>

Kind of cotton and State	Crop year beginning Aug. 1—									
	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947
UPLAND	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Missouri.....	6.12	5.97	6.28	6.56	7.12	8.02	7.57	9.73	12.19	12.11
Virginia.....	4.23	4.05	4.14	4.82	4.97	5.38	5.01	5.08	5.35	6.72
North Carolina.....	3.21	3.16	3.38	4.15	4.66	5.03	5.09	5.00	6.28	7.39
South Carolina.....	3.04	2.70	3.02	3.67	4.46	4.58	4.72	4.05	6.13	7.00
Georgia.....	3.61	3.44	3.43	4.21	4.69	4.97	5.05	5.04	6.23	6.87
Florida.....	3.50	4.63	3.91	4.68	4.91	5.38	-----	5.68	7.18	7.13
Tennessee.....	4.57	4.38	4.79	5.21	5.52	5.77	6.07	6.17	7.75	7.77
Alabama.....	3.12	3.17	3.34	4.03	4.71	4.97	5.02	5.15	6.74	7.08
Mississippi.....	4.81	4.96	5.11	5.66	5.70	6.13	6.16	5.90	7.52	8.09
Arkansas.....	5.28	5.21	5.63	6.12	6.26	6.50	6.66	7.35	8.94	9.50
Louisiana.....	4.93	4.77	4.58	5.22	5.58	5.65	5.81	6.07	7.58	8.28
Oklahoma.....	5.47	5.88	5.65	6.55	6.87	8.39	8.73	9.13	11.13	11.60
Texas.....	5.55	5.46	5.49	6.89	7.20	7.24	7.95	7.83	9.34	10.65
New Mexico.....	5.08	5.24	5.35	6.00	6.50	7.52	6.97	7.43	9.97	9.21
Arizona.....	5.30	5.12	5.20	6.08	6.42	6.49	6.62	6.80	8.15	8.80
California.....	4.51	4.61	4.13	5.04	5.41	5.49	5.99	6.91	8.08	7.88
All upland cotton.....	4.72	4.67	4.76	5.71	5.95	6.18	6.44	6.40	8.09	8.97
American Egyptian.....	12.36	11.14	10.64	12.64	12.57	12.88	13.27	14.87	14.48	15.47
Average <sup>2</sup> .....	4.73	4.69	4.78	5.75	5.99	6.22	6.44	6.40	8.09	8.97

<sup>1</sup> Does not include added charges made in some instances for drying and conditioning seed cotton or for sterilizing cotton in connection with pink bollworm control measures.

<sup>2</sup> In addition to upland and American Egyptian cotton, small quantities of Sea Island cotton are produced. The production is too small, however, to affect the United States average ginning rate.

Production and Marketing Administration.

TABLE 106.—Cotton: Average spot price per pound in specified foreign countries, 1940-47

Market and description	Year beginning Aug. 1—							
	1940	1941	1942	1943	1944	1945	1946	1947
	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
Liverpool, England.....	14.64	15.23	13.87	15.21	20.59	20.59	29.55	37.28
American Middling, $\frac{3}{8}$ inch <sup>1</sup> .....	14.95	15.57	14.21	15.55	20.93	20.93	30.15	37.94
American Middling, $\frac{3}{8}$ inch.....	-----	-----	-----	-----	-----	-----	-----	-----
Egyptian, Fully Good Fair: Sake <sup>1</sup> .....	21.77	21.46	20.09	21.44	26.82	26.82	35.06	58.92
Giza 7.....	20.84	19.94	18.58	19.92	25.30	25.30	34.13	55.21
Ashmouni.....	19.58	18.51	17.06	18.41	23.79	23.79	34.72	50.72
Brazilian, Sao Paulo, Type 5.....	14.60	15.40	14.04	15.38	20.76	20.55	29.21	35.66
Peruvian, Good Tanguis.....	17.39	18.01	16.64	17.99	23.37	23.37	30.24	41.68
Indian, Superfine, Central Provinces.....	12.71	13.12	11.60	12.95	18.33	18.33	24.40	29.19
Sao Paulo, Brazil: Brazilian, Type 5.....	6.91	8.42	11.08	13.15	14.10	17.93	25.88	28.44
Bombay, India: Oomra, Fine <sup>1</sup> .....	6.62	6.59	( <sup>2</sup> )	( <sup>2</sup> )	16.50	16.43	16.94	21.47
Alexandria, Egypt: Ashmouni, F. G. F.....	11.91	13.57	16.70	20.04	28.32	27.67	33.12	48.03
Lima, Peru: Tanguis, Type 5.....	7.74	10.46	13.74	16.63	15.51	18.22	24.93	28.41
Buenos Aires, Argentina: Type B.....	11.61	15.45	13.83	13.72	15.28	20.43	30.14	37.53
Torreon, Mexico: Middling, $\frac{3}{8}$ inch.....	11.32	14.68	17.40	19.60	18.17	91.41	28.34	30.08

<sup>1</sup> For the period 1940-45 prices are for "Fair Staple," a term commonly used in connection with American cotton and which applies to cotton having an average staple length of approximately  $\frac{3}{8}$  inches.

<sup>2</sup> Prices of Karnak since November 1946.

<sup>3</sup> Average for 8 months.

<sup>4</sup> Average for 4 months.

<sup>5</sup> Average for 11 months.

<sup>6</sup> No quotations.

<sup>7</sup> Jarilla, fine, since December 1944.

Bureau of Agricultural Economics. For sources and methods of computation for 1940 see Agricultural Statistics, 1942, tables 158 and 159.

Prices subsequent to 1940 are from reports of the State Department and are converted to cents per pound according to rates of exchange furnished by the Federal Reserve Board except those in Liverpool, which are from "Cotton," the official journal of the Manchester Cotton Association, Ltd.

TABLE 107.—*Cotton, American upland: Spot price per pound of Middling  $1\frac{5}{16}$ -inch at 10 designated markets, 1938-47*

Year beginning August—	Charleston <sup>1</sup>	Augusta	Savannah	Montgomery	New Orleans	Memphis	Little Rock	Dallas	Houston	Galveston	Average of 10 markets <sup>2</sup>
1938.....	Cents 9.27	Cents 9.26	Cents 9.22	Cents 8.86	Cents 9.04	Cents 8.89	Cents 8.84	Cents 8.70	Cents 8.98	Cents 8.85	Cents 9.00
1939.....	10.29	10.50	10.26	9.97	10.23	10.00	9.92	9.66	10.03	10.04	10.09
1940.....	11.19	11.47	11.23	11.02	11.06	10.86	10.79	10.65	10.86	10.86	11.00
1941.....	18.54	18.81	18.56	18.34	18.17	18.31	18.23	18.10	18.04	18.04	18.31
1942.....	20.37	20.60	20.41	20.25	19.96	20.06	20.04	19.96	19.88	19.88	20.14
1943.....	21.00	21.21	20.97	20.74	20.44	20.46	20.50	20.38	20.42	20.41	20.65
1944.....	22.18	22.27	22.10	21.84	21.69	21.79	21.79	21.58	21.67	21.68	21.86
1945.....	26.19	26.29	26.15	25.83	25.82	25.90	25.89	25.85	25.81	25.83	25.96
1946.....	34.98	35.18	35.02	34.74	34.65	34.90	34.79	34.65	34.61	34.63	34.82
1947.....	34.82	35.25	34.76	34.74	34.41	34.47	34.42	34.31	34.39	34.40	34.58

<sup>1</sup> Prior to Aug. 6, 1941, prices are those at Norfolk, Va.<sup>2</sup> Average of monthly averages of 10 markets.

Production and Marketing Administration. Compiled from the daily reports from the cotton exchanges of the various markets.

TABLE 108.—*Cotton: High, low, and season average price per pound for Middling  $\frac{1}{8}$ -inch and  $1\frac{5}{16}$ -inch in the 10 spot markets, 1938-47*

Season beginning August—	Middling $\frac{1}{8}$ -inch			Middling $1\frac{5}{16}$ -inch			Season beginning August—	Middling $\frac{1}{8}$ -inch			Middling $1\frac{5}{16}$ -inch		
	Average	High	Low	Average	High	Low		Average	High	Low	Average	High	Low
1938.....	Cents 8.70	Cents 9.59	Cents 7.92	Cents 9.00	Cents 9.90	Cents 8.23	1943.....	Cents 19.56	Cents 20.96	Cents 18.08	Cents 20.65	Cents 22.11	Cents 19.16
1939.....	9.90	11.10	8.49	10.09	11.28	8.70	1944.....	20.60	21.40	19.93	21.86	22.82	21.08
1940.....	10.79	16.70	9.06	11.00	16.92	9.27	1945.....	24.39	34.09	20.65	25.96	35.72	22.07
1941.....	17.94	20.00	15.18	18.31	20.47	15.39	1946.....	33.33	37.79	26.44	34.82	39.35	27.95
1942.....	19.22	20.51	17.56	20.14	21.43	18.23	1947.....	32.36	36.20	28.75	34.39	38.65	30.55

Production and Marketing Administration.

TABLE 109.—*Cotton, American upland: Premiums and discounts for respective grades and prices per pound for Middling  $1\frac{5}{16}$ -inch spot cotton, 10 designated markets, seasons 1938-47*

Year beginning August—	Premiums				Price, Middling $1\frac{5}{16}$ inch	Discounts			
	Middling Fair	Strict Good Middling	Good Middling	Strict Middling		Strict Low Middling	Low Middling	Strict Good Ordinary	Good Ordinary
1938.....	Points <sup>1</sup> 63	Points <sup>1</sup> 57	Points <sup>1</sup> 51	Points <sup>1</sup> 34	Cents 9.00	Points <sup>1</sup> 61	Points <sup>1</sup> 151	Points <sup>1</sup> 228	289
1939.....	53	48	42	29	10.09	54	120	182	240
1940.....	57	51	45	32	11.00	52	124	185	234
1941.....	58	52	45	34	18.31	86	251	360	459
1942.....	59	52	44	33	20.14	145	382	528	623
1943.....	52	46	39	28	20.65	128	367	494	597
1944.....	50	45	38	27	21.86	129	372	521	622
1945.....	56	54	48	35	25.96	147	489	755	877
1946.....	61	60	56	40	34.82	126	506	938	1,118
1947.....	53	53	51	36	34.58	115	521	993	1,214

<sup>1</sup> Hundredths of a cent per pound.

Production and Marketing Administration.

TABLE 110.—Cotton, American upland: Discounts and premiums for respective staple lengths and prices per pound for Middling  $1\frac{1}{8}$ -inch spot cotton, 1938-47<sup>1</sup>

Year beginning August—	Discounts		Price, Middling $1\frac{1}{8}$ inch	Premiums				
	$\frac{3}{8}$ inch	$\frac{1}{2}$ inch		1 inch	$1\frac{1}{8}$ inches	$1\frac{1}{4}$ inches	$1\frac{3}{8}$ inches	$1\frac{7}{8}$ inches
	Points <sup>2</sup>	Points <sup>2</sup>	Cents	Points <sup>2</sup>	Points <sup>2</sup>	Points <sup>2</sup>	Points <sup>2</sup>	Points <sup>2</sup>
1938.....	123	30	9.00	24	56	170	290	490
1939.....	87	19	10.09	17	37	150	331	473
1940.....	81	21	11.00	20	46	157	451	644
1941.....	96	37	18.31	22	76	296	607	943
1942.....	156	92	20.14	27	114	373	763	1,034
1943.....	185	109	20.65	29	117	452	782	1,021
1944.....	204	136	21.86	28	118	457	813	1,038
1945.....	313	157	25.96	28	100	256	749	1,061
1946.....	298	149	34.82	25	63	124	490	629
1947.....	341	220	34.58	86	173	393	945	1,315

<sup>1</sup> Prices for Middling  $\frac{3}{8}$  inch staple, discounts for  $\frac{3}{8}$  inch and  $\frac{1}{2}$  inch, and premiums for 1 inch and  $1\frac{1}{8}$  inches are averages of the 10 designated spot markets; those for  $1\frac{1}{4}$  inches and longer are quotations at Memphis.

<sup>2</sup> Hundredths of a cent per pound.

Production and Marketing Administration.

TABLE 111.—Cotton futures: Volume of trading and annual average of month-end open contracts, by contract markets, 1938-47

Year beginning August—	Annual volume of trading				Average month-end open contracts			
	New York Cotton Exchange	New Orleans Cotton Exchange	Chicago Board of Trade	Total	New York Cotton Exchange	New Orleans Cotton Exchange	Chicago Board of Trade	Total
	1,000 bales	1,000 bales	1,000 bales	1,000 bales	1,000 bales	1,000 bales	1,000 bales	1,000 bales
1938.....	31,989	5,815	113	37,917	2,017	333	5	2,355
1939.....	35,415	7,496	28	42,939	1,637	264	1	1,902
1940.....	30,710	9,156	7	39,873	1,246	262	( <sup>1</sup> )	1,509
1941.....	41,052	21,187	14	62,253	1,537	522	1	2,060
1942.....	28,057	12,201	18	40,276	1,302	415	1	1,718
1943.....	29,084	12,417	98	41,599	1,282	397	2	1,681
1944.....	26,133	9,896	30	36,059	1,228	401	1	1,630
1945.....	43,011	22,256	3,830	69,097	1,924	842	29	2,795
1946.....	64,079	38,589	4,578	107,246	2,114	844	35	2,993
1947.....	60,812	42,763	2,718	106,293	1,886	771	28	2,685

<sup>1</sup> Less than 500 bales.

Commodity Exchange Authority. Compiled from daily reports from exchange clearing members.



TABLE 112.—Cotton futures: Highest and lowest prices per pound, by date and future, New York Cotton Exchange, 1938-47

Year beginning August—	Highest			Lowest		
	Price	Date	Future	Price	Date	Future
	Cents			Cents		
1938.....	9.65	July 11 July 12 July 13	1939 July.....	7.26	Jan. 10 Jan. 26	1939 October 1939 December
1939.....	11.58	Dec. 14	1939 December (new) ..	7.63	Sept. 1	1940 July (old)
1940.....	17.78	July 28	1942 March.....	8.57	Aug. 7	1941 July
1941.....	20.25	Apr. 6	1943 March.....	15.57	Oct. 16	1941 December
1942.....	20.80	May 14	1943 May.....	17.64	Aug. 10	1942 October
1943.....	22.75	July 13	1944 July (new).....	18.12	Nov. 29	1944 October
1944.....	23.17	July 16	1945 December.....	20.04	Sept. 7	1945 July
1945.....	36.70	July 19	1946 December.....	20.63	Aug. 20	1946 October
1946.....	39.59	July 14	1947 July.....	22.50	Nov. 7	1948 March
1947.....	38.92	Apr. 22	1948 May.....	27.23	Aug. 19	1948 December

Commodity Exchange Authority. Compiled from records of the New York Cotton Exchange. Data for 1929-37 in Agricultural Statistics, 1944, table 105. Highest and lowest prices during the period, Aug. 1, 1929, through July 31, 1948: High, 43.75 cents, July future, July 22 and 23, 1929; low, 4.91 cents, July future, June 10, 1932.

TABLE 113.—Cotton linters: Supply, distribution, and price, United States, 1937-48

Year beginning August—	Supply				Distribution			Price per pound <sup>1</sup>		
	Stocks Aug. 1	Production	Imports	Total	Consumption	Exports	De-stroyed	Grade 2	Grade 4	Grade 6
	1,000 bales <sup>2</sup>	1,000 bales <sup>2</sup>	1,000 bales <sup>2</sup>	1,000 bales <sup>2</sup>	1,000 bales <sup>2</sup>	1,000 bales <sup>2</sup>	1,000 bales <sup>2</sup>	Cents	Cents	Cents
1937.....	363	1,471	18	1,852	715	275	4	3.59	2.48	1.66
1938.....	865	1,113	49	2,027	851	213	16	3.37	2.14	1.28
1939.....	950	1,072	63	2,085	1,061	326	4	4.63	3.41	2.62
1940.....	706	1,208	252	2,166	1,359	21	1	5.23	4.19	3.13
1941.....	787	1,184	194	2,165	1,488	33	4	9.83	7.17	3.50
1942.....	637	1,355	79	2,071	1,301	28	2	9.74	7.07	3.50
1943.....	739	1,186	74	1,999	1,365	61	3	7.18	4.83	3.02
1944.....	567	1,251	199	2,017	1,481	41	1	7.17	5.01	3.21
1945.....	379	993	215	1,587	1,655	22	1	7.25	5.12	3.78
1946.....	422	995	92	1,509	984	53	( <sup>4</sup> )	11.71	9.30	8.22
1947.....	357	1,287	122	1,766	1,156	218	( <sup>4</sup> )	9.71	7.24	6.73
1948.....	370	.....	.....	.....	.....	.....	.....	.....	.....	.....

<sup>1</sup> Uncompressed in carload lots, f.o.b. mill points.

<sup>2</sup> Bales are running bales except imports, which are 500-pound bales.

<sup>3</sup> Preliminary.

<sup>4</sup> 200 bales.

Production and Marketing Administration. Supply and distribution figures compiled from reports of the Bureau of the Census and Bureau of Foreign and Domestic Commerce.

TABLE 114.—Fiber flax: Acreage, production, season average price per ton received by growers, and value, Oregon, 1938-47

Year	Acreage harvested	Yield per acre	Production	Price	Farm value	Year	Acreage harvested	Yield per acre	Production	Price	Farm value
	Acres	Tons	Tons	Dollars	1,000 dollars		Acres	Tons	Tons	Dollars	1,000 dollars
1938.....	3,880	0.68	2,622	20.00	52	1943.....	12,000	1.67	20,000	47.50	950
1939.....	3,900	1.44	5,600	35.70	200	1944.....	8,500	1.65	14,000	41.50	581
1940.....	7,300	1.18	8,600	55.50	477	1945.....	8,000	1.50	12,000	46.00	552
1941.....	11,000	2.17	23,900	65.00	1,554	1946.....	7,600	1.90	14,400	46.50	670
1942.....	18,000	2.05	36,900	52.50	1,937	1947.....	4,900	1.90	9,200	40.50	373

<sup>1</sup> Preliminary.

Bureau of Agricultural Economics.



TABLE 115.—Cotton and other specified fibers: Estimated total and per capita consumption, United States, 1938-47

Year	Total				Per capita			
	Cotton	Wool <sup>1</sup>	Rayon <sup>2</sup>	Silk <sup>3</sup>	Cotton	Wool <sup>1</sup>	Rayon <sup>2</sup>	Silk <sup>3</sup>
	Million pounds	Million pounds	Million pounds	Million pounds	Pounds	Pounds	Pounds	Pounds
1938.....	2,917.7	284.5	329.4	57.0	22.3	2.18	2.52	0.44
1939.....	3,628.6	396.5	458.7	55.3	27.5	3.01	3.48	.42
1940.....	3,958.7	407.9	482.0	47.6	29.8	3.07	3.63	.36
1941.....	5,191.5	647.9	591.8	25.6	38.7	4.83	4.41	.19
1942.....	5,633.1	615.4	620.6	.2	41.6	4.54	4.58	( <sup>4</sup> )
1943.....	5,270.6	624.1	656.1	( <sup>4</sup> )	38.4	4.54	4.78	( <sup>4</sup> )
1944.....	4,790.4	622.4	704.7	( <sup>4</sup> )	34.5	4.48	5.07	( <sup>4</sup> )
1945.....	4,515.8	645.1	769.9	1.0	32.2	4.59	5.48	.61
1946.....	4,809.2	737.5	878.5	13.5	33.8	5.19	6.16	.10
1947 <sup>5</sup> .....	4,663.3	698.2	987.9	3.2	32.2	4.82	6.82	.62

<sup>1</sup> Apparel and carpet wool, reduced to scoured basis.<sup>2</sup> From Rayon Organon. Includes filament yarn and staple fiber.<sup>3</sup> Imports for consumption.<sup>4</sup> Less than 50,000 pounds.<sup>5</sup> Less than 0.005 pound.<sup>6</sup> Preliminary.

Bureau of Agricultural Economics. Calendar-year data divided by July 1 population to get per capita figures.

TABLE 116.—Imports for consumption and price of raw silk; production, net imports, consumption, and price of rayon, United States, 1938-47

Year	Raw silk		Rayon <sup>1</sup>				
	Imports for consumption	Price per pound <sup>1</sup>	Production	Net imports <sup>2</sup>	Consumption <sup>3</sup>	Price per pound <sup>4</sup>	
						Filament yarn <sup>5</sup>	Staple fiber <sup>7</sup>
	1,000 pounds	Dollars	1,000 pounds	1,000 pounds	1,000 pounds	Dollars	Dollars
1938.....	57,050	1.706	287,485	23,301	329,390	0.522	0.250
1939.....	55,271	2.723	379,940	46,632	458,711	.515	.250
1940.....	47,600	2.786	471,170	15,438	482,045	.530	.250
1941.....	25,651	( <sup>6</sup> )	573,230	6,855	591,837	.536	.250
1942.....	207	( <sup>6</sup> )	632,615	6,641	620,810	.550	.250
1943.....	11	( <sup>6</sup> )	663,145	14,039	656,072	.550	.240
1944.....	33	( <sup>6</sup> )	723,955	21,776	704,800	.550	.250
1945.....	954	( <sup>6</sup> )	792,035	27,053	769,045	.550	.250
1946.....	13,518	6.27	833,915	20,546	875,483	.559	.254
1947 <sup>11</sup> .....	3,182	12 4.45	975,145	3,324	987,900	.670	.320

<sup>1</sup> Average of monthly average wholesale prices of Japanese silk, double extra 13-15, 78 percent white, at New York.<sup>2</sup> Yarn and staple fiber.<sup>3</sup> Imports for consumption minus domestic exports. Imports are mainly staple fiber.<sup>4</sup> Domestic shipments plus imports.<sup>5</sup> Average of monthly average wholesale prices, f.o.b. producers' plants.<sup>6</sup> Viscose, 150 denier, first quality.<sup>7</sup> Viscose, 1½ denier.<sup>8</sup> Office of Price Administration ceiling price of \$3.08 per pound effective August 1941; no sales of this grade reported from May 1942 until July 1946.<sup>9</sup> Net exports.<sup>10</sup> Domestic shipments only.<sup>11</sup> Preliminary.<sup>12</sup> Price for 10 months only. (No sales in April and September.)

Bureau of Agricultural Economics. Compiled as follows: Imports from Foreign Commerce and Navigation of the United States. Prices from bulletins of the U. S. Bureau of Labor Statistics. Production and consumption of the rayon from the Rayon Organon.

TABLE 117.—Rayon: Production in selected countries and total, 1938-47

## RAYON YARN

Year	United States	Japan	Germany	United Kingdom	Italy	France	Netherlands	Soviet Union	Other countries	Total
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds
1938	257.6	213.9	144.0	102.0	101.4	61.8	19.9	16.0	79.6	996.2
1939	328.6	238.6	161.0	111.6	119.1	56.2	24.0	17.0	88.8	1,144.9
1940	390.1	216.1	168.0	110.4	119.1	42.2	20.0	19.0	101.4	1,186.3
1941	451.2	168.1	199.0	78.9	127.9	70.5	35.5	15.0	118.7	1,264.8
1942	479.3	95.4	194.0	72.8	124.6	68.9	34.8	1.0	125.5	1,196.3
1943	501.1	50.4	212.0	70.3	100.5	58.2	29.8	-----	127.9	1,150.2
1944	555.2	22.8	160.0	76.3	39.9	29.3	19.3	-----	127.6	1,030.4
1945	623.7	5.6	40.0	84.6	3.4	30.5	3.4	1.6	104.2	897.0
1946	677.5	9.0	18.3	107.3	65.0	67.6	17.6	2.0	136.5	1,100.8
1947 <sup>1</sup>	746.7	16.3	33.4	117.7	115.2	81.7	28.4	10.0	161.4	1,310.8

## RAYON STAPLE FIBER

Year	United States	Japan	Germany	United Kingdom	Italy	France	Netherlands	Soviet Union	Other countries	Total
1938	29.9	327.2	340.0	29.7	166.9	10.8	0.1	8.0	15.3	927.9
1939	51.3	301.3	440.0	55.8	189.6	15.5	-----	11.0	30.2	1,094.7
1940	81.1	285.8	512.0	55.8	250.2	16.5	-----	14.0	69.3	1,284.7
1941	122.0	296.6	625.0	55.4	291.7	38.2	-----	10.0	113.2	1,552.1
1942	153.3	174.5	689.0	46.0	192.7	50.3	-----	1.0	145.3	1,452.1
1943	162.0	121.7	672.0	49.7	125.3	64.5	3.9	-----	190.6	1,389.7
1944	168.7	83.3	500.0	51.9	27.3	29.2	8.2	-----	181.0	1,049.6
1945	168.4	21.9	150.0	50.6	4.0	18.8	-----	2.0	85.2	800.9
1946	176.4	20.6	89.3	68.1	29.5	34.2	3.4	3.0	148.2	572.7
1947 <sup>1</sup>	228.4	19.3	73.0	80.6	47.6	42.6	17.4	5.0	166.0	679.9

## TOTAL RAYON YARN AND STAPLE FIBER

Year	United States	Japan	Germany	United Kingdom	Italy	France	Netherlands	Soviet Union	Other countries	Total
1938	287.5	541.1	484.0	131.7	268.3	72.6	19.9	24.0	95.0	1,924.1
1939	379.9	539.8	601.0	167.4	308.6	71.7	24.0	28.0	119.2	2,239.6
1940	471.2	501.9	680.0	166.2	369.3	58.7	20.0	33.0	170.7	2,471.0
1941	573.2	464.7	824.0	134.3	419.5	108.8	35.5	25.0	231.9	2,816.9
1942	632.6	269.9	883.0	118.8	317.3	119.2	34.8	2.0	270.7	2,648.3
1943	663.1	172.2	884.0	120.0	225.7	122.8	33.7	-----	318.4	2,539.9
1944	724.0	106.1	660.0	128.2	67.2	58.5	27.5	-----	308.6	2,060.1
1945	792.0	27.5	190.0	135.2	7.4	49.4	3.4	3.6	189.5	1,398.0
1946	853.9	29.7	107.6	175.4	94.5	101.8	21.0	5.0	284.6	1,673.5
1947 <sup>1</sup>	975.1	35.6	106.4	198.3	162.8	124.3	45.8	15.0	327.4	1,990.7

<sup>1</sup> Preliminary.

Production and Marketing Administration. Compiled from the Rayon Organon of the Textile Economics Bureau, Inc. Rayon is defined as "a man-made textile with a cellulose base." Production of Nylon, Vinyon, celloin fibres, and other synthetic fibers, which are made basically from substances other than cellulose, not included.

TABLE 118.—*Sugar beets: Acreage, production, season average price per ton received by farmers, and value; production of beet sugar and other products, United States, 1929-47*

Year of harvest	Sugar beets						Beet sugar and pulp			
	Acreage planted	Acreage harvested	Yield per harvested acre	Production	Price <sup>1</sup>	Farm value	Sugar produced (chiefly refined)	Molasses pulp	Dried pulp	Moist pulp
	1,000 acres	1,000 acres	Short tons	1,000 short tons	Dollars	1,000 dollars	1,000 short tons	1,000 short tons	1,000 short tons	1,000 short tons
1929.....	772	688	10.6	7,315	7.08	51,804	1,018	111	48	-----
1930.....	821	776	11.9	9,199	7.14	65,698	1,208	150	60	1,458
1931.....	760	713	11.1	7,903	5.94	46,948	1,156	99	75	1,112
1932.....	812	764	11.9	9,070	5.26	47,705	1,357	116	134	1,340
1933.....	1,036	983	11.2	11,030	5.13	56,599	1,642	141	134	1,715
1934.....	945	770	9.8	7,519	5.16	38,776	1,160	130	92	1,198
1935.....	809	763	10.4	7,908	5.76	45,565	1,185	125	74	1,454
1936.....	855	776	11.6	9,028	6.05	54,636	1,304	157	73	1,543
1937.....	813	753	11.6	8,759	5.26	46,101	1,283	166	51	1,800
1938.....	985	925	12.4	11,497	4.65	53,478	1,676	219	105	1,858
1939.....	993	918	11.7	10,781	4.76	51,342	1,644	175	98	1,711
1940.....	971	912	13.4	12,194	5.13	62,540	1,756	189	114	1,625
1941.....	796	755	13.7	10,342	6.47	66,928	1,491	181	101	1,556
1942.....	1,048	954	12.2	11,685	6.87	80,279	1,619	151	138	1,688
1943.....	619	550	11.9	6,547	8.87	58,089	935	84	77	1,063
1944.....	633	555	12.1	6,715	10.70	71,586	979	77	101	1,008
1945.....	776	713	12.1	8,626	10.20	87,793	1,183	115	101	1,173
1946.....	904	802	13.2	10,562	11.20	118,251	1,423	165	130	1,434
1947 <sup>2</sup> .....	968	881	14.2	12,504	11.90	148,588	1,712	183	127	1,869

<sup>1</sup> Prices do not include Government payments under the Sugar Act. Price support payments for 1943-47 are included. (See table 123.)

<sup>2</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1913-28 in Agricultural Statistics, 1942, table 170.

TABLE 119.—*Sugar beets: Acreage, production, and season average price per ton received by farmers, by States, average 1936-45, annual 1946 and 1947*

State	Acreage planted			Acreage harvested			Production			Price for crop of—		
	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946 <sup>2</sup>	1947 <sup>1,2</sup>
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 short tons	1,000 short tons	1,000 short tons	1,000 short tons	Dollars	Dollars	Dollars
Ohio.....	37	29	26	32	26	21	291	234	151	7.93	13.80	12.90
Michigan.....	103	106	84	92	95	66	803	814	446	7.90	13.80	13.30
Nebraska.....	69	69	82	64	60	71	805	825	805	8.38	10.30	11.40
Montana.....	76	82	82	71	73	77	839	891	899	7.01	10.90	12.30
Idaho.....	64	92	116	59	76	103	846	1,274	1,761	6.69	11.50	11.90
Wyoming.....	44	40	39	41	36	36	489	421	457	6.67	10.90	11.90
Colorado.....	158	172	176	147	153	168	1,887	1,920	2,548	6.60	10.10	11.50
Utah.....	44	45	47	42	41	45	553	568	740	6.54	10.70	11.60
California <sup>3</sup> .....	140	135	164	122	122	156	1,939	2,079	2,897	7.30	11.40	12.30
Other States.....	115	134	152	104	120	138	1,164	1,536	1,800	6.61	11.20	11.40
United States.....	849	904	968	781	802	881	9,617	10,562	12,504	6.90	11.20	11.90

<sup>1</sup> Preliminary.

<sup>2</sup> Includes price support payments of approximately \$1.20 per ton in 1947. Does not include Government payments under the Sugar Act of \$2.55 per ton in 1946 and approximately \$2.54 in 1947.

<sup>3</sup> Relates to year of harvest (including acreage planted in preceding fall).

Bureau of Agricultural Economics.

TABLE 120.—*Sugar-beet seed: Acreage, yield, production, price per pound, farm value, and volume of foreign trade, United States, 1932-47*

Year	Acreage harvested	Yield per acre	Pro-duction	Average price per pound received by farmers	Farm value	Foreign trade	
						Im-ports <sup>1</sup>	Ex-ports <sup>2</sup>
	<i>Acres</i>	<i>Pounds</i>	<i>100-pound bags</i>	<i>Cents</i>	<i>1,000 dollars</i>	<i>100-pound bags</i>	<i>100-pound bags</i>
1932.....	412	1,337	5,508	7.51	41	209,132	-----
1933.....	949	1,448	14,119	8.04	114	202,796	-----
1934.....	1,601	1,765	28,256	8.02	227	157,560	-----
1935.....	2,322	1,671	38,808	8.19	318	113,488	-----
1936.....	5,978	1,360	81,307	8.05	655	109,601	-----
1937.....	7,064	1,712	120,965	8.65	1,046	130,167	-----
1938.....	8,376	1,631	136,619	8.66	1,183	46,535	-----
1939.....	7,754	1,787	138,534	8.52	1,180	82,432	-----
1940.....	6,568	1,127	74,018	8.43	624	7,814	-----
1941.....	10,235	1,767	180,852	9.23	1,669	-----	1,267
1942.....	9,467	1,704	161,304	9.84	1,587	-----	4,280
1943.....	9,926	1,574	156,258	11.73	1,833	-----	2,014
1944.....	6,254	2,009	125,665	13.01	1,635	-----	1,692
1945.....	4,849	2,170	105,446	13.14	1,386	-----	34,236
1946.....	5,740	2,862	164,286	13.11	2,154	-----	90,702
1947.....	6,420	2,632	168,990	13.18	2,227	800	104,775

<sup>1</sup> Compiled from annual reports, Foreign Commerce and Navigation of the United States, Department of Commerce.

<sup>2</sup> Data supplied by Foreign Trade Division, Census Bureau, Department of Commerce.

<sup>3</sup> Includes 1,405 bags shipped to Germany under the Department of the Army Civilian-Supply Program.

Bureau of Plant Industry, Soils, and Agricultural Engineering. Data in first 5 columns compiled from reports furnished by beet-sugar companies and their associations engaged in sugar-beet seed production.

TABLE 121.—*Sugar-beet seed: Acreage, yield per acre, and production, by States, average 1935-44, annual 1945-47*<sup>1</sup>

State	Acreage harvested				Yield per acre				Production			
	Average 1935-44	1945	1946	1947	Average 1935-44	1945	1946	1947	Average 1935-44	1945	1946	1947
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>100-pound bags</i>	<i>100-pound bags</i>	<i>100-pound bags</i>	<i>100-pound bags</i>
New Mexico.....	1,242	656	560	544	1,283	1,256	1,723	1,301	15,929	8,243	9,649	7,076
Utah.....	594	105	466	480	2,081	2,224	2,064	2,901	12,362	9,006	9,618	13,926
Nevada.....	95	108	83	41	1,654	1,779	1,494	2,476	1,571	1,925	1,237	1,015
Arizona.....	3,452	1,883	3,479	3,629	1,618	2,403	3,286	2,973	55,849	45,239	114,334	107,901
California.....	1,030	1,094	727	1,071	2,620	2,764	2,981	2,581	26,986	30,241	21,607	27,645
Oregon.....	507	512	409	634	1,590	1,568	1,879	1,766	8,063	8,027	7,685	11,199
Other States.....	422	191	16	21	1,067	1,448	975	1,085	4,505	2,765	156	228
Total, all varieties.....	7,342	4,849	5,740	6,420	1,706	2,170	2,862	2,632	125,265	105,446	164,286	168,990
Curly-top-resistant varieties <sup>2</sup> .....	2,538	893	1,635	2,018	2,088	2,575	2,442	2,615	53,004	22,994	39,932	52,763

<sup>1</sup> Seed is produced almost exclusively from fall plantings overwintered in the field.

<sup>2</sup> Comprises 52,763 bags of curly-top-resistant varieties, 34,814 bags of commercial seed of United States leaf-spot-resistant varieties, 839 bags of stock seed for use in future production of commercial seed, and 80,474 bags of seed of improved varieties bred by beet-sugar companies. See Agricultural Statistics 1947, table 119, for notes regarding the 1946 crop.

<sup>3</sup> The curly-top-resistant varieties are chiefly those bred by the Bureau of Plant Industry, Soils, and Agricultural Engineering.

Bureau of Plant Industry, Soils and Agricultural Engineering. Compiled from reports furnished by beet-sugar companies and their associations engaged in sugar-beet seed production.

TABLE 122.—*Sugar beets: Acreage and production, specified countries, averages 1930-34 and 1935-39, annual 1944-47*

Continent and country	Acreage						Production					
	Average		1944	1945	1946	1947 <sup>1</sup>	Average		1944	1945	1946	1947 <sup>1</sup>
	1930-34	1935-39					1930-34	1935-39				
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 short tons	1,000 short tons	1,000 short tons	1,000 short tons	1,000 short tons	1,000 short tons
North America:												
Canada.....	42	50	56	59	67	58	439	504	564	619	736	627
United States.....	801	828	558	713	802	881	8,945	9,623	6,755	8,626	10,562	12,504
Total.....	843	878	614	772	869	939	9,384	10,127	7,319	9,245	11,298	13,131
Europe:												
Austria.....	107	105	74	31	40	48	1,201	1,234	635	141	248	271
Belgium.....	133	122	142	95	110	129	1,824	1,731	1,870	967	1,638	1,221
Bulgaria.....	31	22	59	76	80	66	244	175	361	139	319	218
Czechoslovakia.....	424	<sup>2</sup> 380	<sup>2</sup> 372	<sup>2</sup> 379	<sup>2</sup> 433	451	5,171	<sup>2</sup> 4,441	<sup>2</sup> 4,850	<sup>2</sup> 3,572	<sup>2</sup> 4,785	2,653
Denmark.....	93	99	104	96	106	111	1,336	1,595	1,400	1,422	1,600	1,604
Eire.....	19	55	82	85	75	61	230	577	706	786	568	444
Finland.....	6	9	9	7	9	13	60	108	51	41	53	85
France.....	666	579	605	487	616	781	8,704	7,165	5,291	4,927	7,304	8,709
Germany.....	801	1,071	1,295	493	805	876	11,642	14,179	17,557	5,512	7,501	6,012
Hungary.....	128	<sup>2</sup> 94	<sup>2</sup> 247	38	133	219	1,134	<sup>2</sup> 866	<sup>2</sup> 1,856	198	569	1,106
Italy.....	238	273	281	71	250	274	2,825	3,135	3,304	442	2,554	2,459
Netherlands.....	111	106	99	45	111	79	1,886	1,601	1,477	495	1,879	1,738
Poland and Danzig.....	327	<sup>2</sup> 331	400	<sup>2</sup> 457	<sup>2</sup> 420	516	3,147	<sup>2</sup> 3,147	3,100	<sup>2</sup> 3,059	<sup>2</sup> 3,007	3,858
Rumania.....	81	<sup>2</sup> 100	<sup>2</sup> 198	<sup>2</sup> 106	<sup>2</sup> 116	<sup>2</sup> 141	615	842	<sup>2</sup> 1,010	<sup>2</sup> 243	<sup>2</sup> 225	<sup>2</sup> 650
Spain.....	223	193	153	142	176	194	2,534	<sup>2</sup> 1,221	1,303	1,056	1,682	1,466
Sweden.....	105	128	136	135	136	119	1,620	2,080	1,988	1,999	1,958	1,646
Switzerland.....	3	6	14	14	14	13	57	91	207	235	188	177
United Kingdom.....	322	346	431	417	436	395	3,215	3,399	3,659	4,352	5,065	3,231
Yugoslavia.....	96	71	59	66	127	179	700	707	361	349	601	1,268
Total Europe, excluding U. S. S. R.....	3,014	4,090	4,760	3,240	4,193	4,665	48,145	48,294	50,986	29,935	41,834	38,816
U. S. S. R. (Europe and Asia <sup>4</sup> ).....	3,173	3,023	1,417	2,295	2,584	2,684	11,929	18,651	11,574	12,125	13,260	14,970
Asia:												
Turkey.....	47	69	115	137	99	111	288	435	620	625	678	677
Grand total.....	7,977	8,060	6,006	6,444	7,745	8,399	69,746	77,507	70,499	51,930	67,070	67,594

<sup>1</sup> Preliminary.<sup>2</sup> Less than 5 years.<sup>3</sup> Data not comparable with previous years because of boundary changes.<sup>4</sup> Includes Latvia and Lithuania.

Office of Foreign Agricultural Relations. Prepared or estimated on the basis of official statistics of foreign governments, reports of United States foreign service officers, results of office research, and other information. Estimates of countries having boundary changes have been adjusted to prewar boundaries except as noted. Data for some countries, including Yugoslavia, obtained from the Statistical Bulletin of the International Sugar Council of London.

TABLE 123.—*Sugar beets: Season average price per ton received by farmers, program payments, and support payments, by States, crop years, 1943-47*<sup>1</sup>

State and kind of payments	1943	1944	1945	1946	1947	State and kind of payments	1943	1944	1945	1946	1947
Ohio:	Dol-lars	Dol-lars	Dol-lars	Dol-lars	Dol-lars	Colorado:	Dol-lars	Dol-lars	Dol-lars	Dol-lars	Dol-lars
Price of beets.....	8.15	8.84	9.05	13.80	-----	Price of beets.....	7.14	7.88	8.00	10.10	-----
Program payments.....	2.62	2.69	2.55	2.78	-----	Program payments.....	2.49	2.69	2.47	2.20	-----
Support payments.....	1.85	3.16	2.65	-----	-----	Support payments.....	1.28	2.82	1.90	-----	-----
Total price.....	12.62	14.69	14.25	16.58	-----	Total price.....	10.91	13.39	12.37	12.30	-----
Michigan:	-----	-----	-----	-----	-----	Utah:	-----	-----	-----	-----	-----
Price of beets.....	8.58	9.05	8.55	13.80	-----	Price of beets.....	6.73	7.29	7.51	10.70	-----
Program payments.....	2.61	2.63	2.47	2.78	-----	Program payments.....	2.40	2.60	2.43	2.26	-----
Support payments.....	1.62	3.05	2.55	-----	-----	Support payments.....	1.28	2.81	2.09	-----	-----
Total price.....	12.81	14.73	13.57	16.58	-----	Total price.....	10.41	12.70	12.03	12.96	-----
Nebraska:	-----	-----	-----	-----	-----	California: <sup>2</sup>	-----	-----	-----	-----	-----
Price of beets.....	7.11	7.40	7.41	10.30	-----	Price of beets.....	8.80	8.01	8.67	11.40	-----
Program payments.....	2.47	2.64	2.32	2.29	-----	Program payments.....	2.69	2.58	2.56	2.56	-----
Support payments.....	1.25	2.80	1.79	-----	-----	Support payments.....	1.50	2.99	2.23	-----	-----
Total price.....	10.83	12.74	11.52	12.59	-----	Total price.....	12.99	13.58	13.46	13.96	-----
Montana:	-----	-----	-----	-----	-----	Other States:	-----	-----	-----	-----	-----
Price of beets.....	7.88	7.69	8.24	10.90	-----	Price of beets.....	7.09	7.21	7.57	11.20	-----
Program payments.....	2.75	2.68	2.62	2.44	-----	Program payments.....	2.53	2.55	2.49	2.48	-----
Support payments.....	1.37	2.91	2.06	-----	-----	Support payments.....	1.48	2.89	2.22	-----	-----
Total price.....	12.00	13.28	12.92	13.34	-----	Total price.....	11.10	12.65	12.28	13.68	-----
Idaho:	-----	-----	-----	-----	-----	United States:	-----	-----	-----	-----	-----
Price of beets.....	6.86	7.37	7.78	11.50	-----	Price of beets.....	7.51	7.82	8.08	11.20	*10.70
Program payments.....	2.46	2.59	2.54	2.43	-----	Program payments.....	2.55	2.62	2.50	2.44	*2.54
Support payments.....	1.28	2.93	2.12	-----	-----	Support payments.....	1.36	2.88	2.12	-----	*1.20
Total price.....	10.60	12.89	12.44	13.93	-----	Total price.....	11.42	13.32	12.70	13.64	*14.44
Wyoming:	-----	-----	-----	-----	-----						
Price of beets.....	7.52	7.57	8.19	10.90	-----						
Program payments.....	2.60	2.59	2.58	2.42	-----						
Support payments.....	1.17	2.73	1.91	-----	-----						
Total price.....	11.29	12.89	12.68	13.32	-----						

<sup>1</sup> Program payments represent gross payments for sugar beets marketed before applying penalties which were imposed in several years and before deducting county association expenses which were charged; payments with respect to crop deficiency and acreage abandonment have not been included. See table 753 for amounts of abandonment and deficiency payments. Amounts shown are based upon conditional payments under the Sugar Act of 1937, computed at the basic rate before adjusting for reduction applicable to large producers as provided for in Section 304 (c). Support payments in 1943-45 were made under the War Food Administration program.

<sup>2</sup> Price of beets includes fall-planted beets in next crop year. Support payments and Sugar Act payments include fall-planted beets in the same crop year.

<sup>3</sup> Preliminary.

Bureau of Agricultural Economics.

TABLE 124.—*Sugarcane for sugar: Acreage, production, and value, also production of cane sugar and molasses, Louisiana and Florida, 1929-47*

Year <sup>1</sup>	Acreage harvested		Yield of cane per acre <sup>1</sup>		Production		Season average price per ton received by farmers <sup>2</sup>		Farm value		Sugar produced		Raw sugar <sup>3</sup> made per ton of cane		Molasses made	
	For sugar	Total	For sugar	Total	For sugar	For seed	For sugar	Total	Of cane used for sugar	Of cane used for seed and seed	Con- sidered to be raw basis <sup>4</sup>	Equiva- lent refined	1,000 pounds	1,000 gallons	Black- strap	Total <sup>5</sup>
	1,000 acres	1,000 acres	Short tons	Short tons	Short tons	Short tons	1,000 short tons	1,000 short tons	1,000 dollars	1,000 dollars	1,000 short tons	1,000 short tons	Pounds	1,000 gallons	1,000 gallons	1,000 gallons
1929	187.7	203.0	16.3	17.3	3,120	290	3,350	3,350	3.73	11,037	12,500	218	205	140	15,862	21,063
1930	187.2	203.0	16.3	17.3	3,120	290	3,350	3,350	3.73	11,037	12,500	218	205	140	15,862	21,063
1931	187.2	203.0	16.3	17.3	3,120	290	3,350	3,350	3.73	11,037	12,500	218	205	140	15,862	21,063
1932	187.2	203.0	16.3	17.3	3,120	290	3,350	3,350	3.73	11,037	12,500	218	205	140	15,862	21,063
1933	187.2	203.0	16.3	17.3	3,120	290	3,350	3,350	3.73	11,037	12,500	218	205	140	15,862	21,063
1934	187.2	203.0	16.3	17.3	3,120	290	3,350	3,350	3.73	11,037	12,500	218	205	140	15,862	21,063
1935	187.2	203.0	16.3	17.3	3,120	290	3,350	3,350	3.73	11,037	12,500	218	205	140	15,862	21,063
1936	187.2	203.0	16.3	17.3	3,120	290	3,350	3,350	3.73	11,037	12,500	218	205	140	15,862	21,063
1937	187.2	203.0	16.3	17.3	3,120	290	3,350	3,350	3.73	11,037	12,500	218	205	140	15,862	21,063
1938	187.2	203.0	16.3	17.3	3,120	290	3,350	3,350	3.73	11,037	12,500	218	205	140	15,862	21,063
1939	187.2	203.0	16.3	17.3	3,120	290	3,350	3,350	3.73	11,037	12,500	218	205	140	15,862	21,063
1940	187.2	203.0	16.3	17.3	3,120	290	3,350	3,350	3.73	11,037	12,500	218	205	140	15,862	21,063
1941	187.2	203.0	16.3	17.3	3,120	290	3,350	3,350	3.73	11,037	12,500	218	205	140	15,862	21,063
1942	187.2	203.0	16.3	17.3	3,120	290	3,350	3,350	3.73	11,037	12,500	218	205	140	15,862	21,063
1943	187.2	203.0	16.3	17.3	3,120	290	3,350	3,350	3.73	11,037	12,500	218	205	140	15,862	21,063
1944	187.2	203.0	16.3	17.3	3,120	290	3,350	3,350	3.73	11,037	12,500	218	205	140	15,862	21,063
1945	187.2	203.0	16.3	17.3	3,120	290	3,350	3,350	3.73	11,037	12,500	218	205	140	15,862	21,063
1946	187.2	203.0	16.3	17.3	3,120	290	3,350	3,350	3.73	11,037	12,500	218	205	140	15,862	21,063
1947	187.2	203.0	16.3	17.3	3,120	290	3,350	3,350	3.73	11,037	12,500	218	205	140	15,862	21,063

<sup>1</sup> The growth of 9 months in Louisiana and 12 months in Florida. Sugar campaign usually ends by December or early January in Louisiana and in Florida by March following the season of growth.

<sup>2</sup> Prices do not include Government payments under the Sugar Act. Price support payments for 1943-46 are included. See table 126.

<sup>3</sup> Calculated by the Agricultural Adjustment Administration method. (S. R. Series 1, No. 1.)

<sup>4</sup> Calculated on the basis that 100 pounds of raw sugar is required to produce 83.46 pounds of refined sugar.

<sup>5</sup> Lump production not included. (See table 129.)

<sup>6</sup> Preliminary.

Bureau of Agricultural Economics. Of the total sugar produced in Louisiana about 26 percent consists of direct consumption sugar, marketed "as made," without further refining. Data for 1900-28 in Agricultural Statistics, 1942, table 175.



TABLE 125.—*Sugarcane for sugar and products: Acreage, yield, production, and season average price per ton received by farmers, by States, average 1936-45, annual 1946 and 1947*

State and utilization	Acreage harvested			Yield of cane per acre <sup>1</sup>			Cane production			Price for crop of—		
	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946 <sup>1</sup>	1947 <sup>1</sup> <sup>2</sup>
	1,000 acres	1,000 acres	1,000 acres	Short tons	Short tons	Short tons	1,000 short tons	1,000 short tons	1,000 short tons	Dollars	Dollars	Dollars
For sugar:												
Louisiana .....	244.6	255.0	258.0	19.6	17.6	15.7	4,812	4,488	4,051	3.91	6.55	7.20
Florida .....	24.8	31.7	34.7	31.9	32.7	26.6	784	1,037	923	3.83	6.95	7.65
Total .....	269.4	286.7	292.7	20.7	19.3	17.0	5,596	5,525	4,974	3.85	6.62	7.28
For seed:												
Louisiana .....	22.6	23.0	27.0	19.3	17.6	15.7	426	405	424	-----	-----	-----
Florida .....	.8	1.1	1.4	35.0	33.2	28.0	27	37	39	-----	-----	-----
Total .....	23.4	24.1	28.4	19.9	18.3	16.3	452	442	463	-----	-----	-----
For sugar and seed:												
Louisiana .....	267.2	278.0	285.0	19.6	17.6	15.7	5,238	4,893	4,475	3.91	6.55	7.20
Florida .....	25.6	32.8	36.1	32.0	32.7	26.6	811	1,074	962	3.83	6.95	7.65
United States total .....	292.7	310.8	321.1	20.6	19.2	16.0	6,049	5,967	5,437	3.85	6.62	7.28

## PRODUCTS OF CANE HARVESTED FOR SUGAR

State	Sugar per ton of cane, 96° equivalent			Raw sugar produced, 96° equivalent <sup>4</sup>			Sugar produced, equivalent refined <sup>5</sup>			Molasses, including blackstrap		
	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>
	Lb.	Lb.	Lb.	1,000 short tons	1,000 short tons	1,000 short tons	1,000 short tons	1,000 short tons	1,000 short tons	1,000 gal-tons	1,000 gal-tons	1,000 gal-tons
Louisiana .....	160	148	147	385	331	297	360	309	278	32,963	33,282	26,822
Florida .....	191	181	171	75	94	79	71	88	74	4,729	6,711	5,400
United States total .....	165	154	151	461	425	376	431	397	352	37,692	39,993	32,222

<sup>1</sup> Preliminary.<sup>2</sup> The growth of 9 months in Louisiana and 12 months in Florida. Sugar campaign usually ends by December or early January in Louisiana and in Florida by March following the season of growth.<sup>3</sup> Does not include Government payments under the Sugar Act of \$1.33 per ton in 1946 and approximately \$1.34 in 1947.<sup>4</sup> Calculated by the Agricultural Adjustment Administration method (S. R. Series 1, No. 1).<sup>5</sup> Calculated on the basis that 100 pounds of raw sugar is required to produce 93.46 pounds of refined sugar.<sup>6</sup> Includes 13,589,000 gallons of edible molasses in 1946 and 5,146,000 gallons in 1947.<sup>7</sup> Edible molasses not produced in Florida; therefore the Florida figures are for blackstrap.

Bureau of Agricultural Economics.

TABLE 126.—*Sugarcane for sugar: Average price per ton and payments to farmers under Federal sugar program, Florida and Louisiana, 1938-47*

Year	Florida				Louisiana				United States			
	Price of cane	Payments under Federal sugar program		Total receipts	Price of cane	Payments under Federal sugar program		Total receipts	Price of cane	Payments under Federal sugar program		Total receipts
		Price support <sup>1</sup>	Other <sup>2</sup>			Price support <sup>1</sup>	Other <sup>2</sup>			Price support <sup>1</sup>	Other <sup>2</sup>	
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
1938.....	3.01	-----	<sup>3</sup> 1.26	4.27	2.66	-----	<sup>3</sup> 1.01	3.67	2.71	-----	<sup>3</sup> 1.04	3.75
1939.....	2.58	-----	<sup>3</sup> 1.18	3.76	2.88	-----	<sup>3</sup> 1.02	3.90	2.84	-----	<sup>3</sup> 1.04	3.88
1940.....	3.37	-----	<sup>3</sup> 1.25	4.62	2.72	-----	<sup>3</sup> .96	3.68	2.88	-----	<sup>3</sup> 1.03	3.91
1941.....	3.97	-----	<sup>3</sup> 1.20	5.17	3.94	-----	<sup>3</sup> .98	4.92	3.95	-----	<sup>3</sup> 1.02	4.97
1942.....	4.74	-----	<sup>3</sup> 1.57	6.31	4.35	-----	<sup>3</sup> 1.38	5.73	4.40	-----	<sup>3</sup> 1.40	5.80
1943.....	4.38	-----	<sup>3</sup> 1.55	5.93	4.26	0.34	<sup>3</sup> 1.34	5.94	4.27	0.30	<sup>3</sup> 1.36	5.93
1944.....	4.47	0.26	<sup>3</sup> 1.49	6.22	4.15	.83	<sup>3</sup> 1.28	6.26	4.19	.75	<sup>3</sup> 1.31	6.25
1945.....	4.92	1.21	<sup>3</sup> 1.38	7.71	4.08	1.50	<sup>3</sup> 1.27	6.85	4.22	1.45	<sup>3</sup> 1.32	6.99
1946.....	6.95	-----	<sup>3</sup> 1.54	8.49	6.55	-----	<sup>3</sup> 1.32	7.87	6.62	-----	<sup>3</sup> 1.36	7.98
1947 <sup>4</sup> .....	6.85	-----	<sup>3</sup> 1.51	8.36	7.24	-----	<sup>3</sup> 1.33	8.57	7.17	-----	<sup>3</sup> 1.36	8.53

<sup>1</sup> Made under the Commodity Credit price assistance program.<sup>2</sup> Representing gross payments relative to sugarcane marketed before applying penalties which were imposed in 1940 and before deducting county association expenses which were charged in all years; payments with respect to crop deficiency and acreage abandonment not included.<sup>3</sup> Conditional payments under the Sugar Act of 1937 computed at the basic rate before adjusting for reductions applicable to large producers as provided for in sec. 304 (c). The basic rate of payment increased from 60 to 80 cents per 100 pounds of sugar in 1942.<sup>4</sup> Revised.<sup>5</sup> Preliminary.

Bureau of Agricultural Economics. Payments under Federal sugar program computed by Sugar Branch of Production and Marketing Administration.

TABLE 127.—*Sugar, chiefly raw: Production in continental United States and principal areas supplying United States with sugar, 1938-47*

Crop year <sup>1</sup>	Cane sugar							Beet sugar, continental United States <sup>2</sup>	Total cane and beet sugar
	Continental United States	Puerto Rico	Hawaii	Philippine Islands <sup>2</sup>	Virgin Islands	Cuba	Total		
	1,000 short tons	1,000 short tons	1,000 short tons	1,000 short tons	1,000 short tons	1,000 short tons	1,000 short tons	1,000 short tons	1,000 short tons
1938.....	583	852	994	1,149	6	3,094	6,678	1,803	8,481
1939.....	504	1,019	977	1,142	7	3,157	6,806	1,758	8,564
1940.....	332	932	947	1,148	8	2,734	6,101	1,897	7,998
1941.....	419	1,148	870	665	1	3,800	6,903	1,588	8,491
1942.....	460	1,039	886	150	4	3,230	5,769	1,726	7,495
1943.....	498	724	875	150	3	4,738	6,988	998	7,986
1944.....	437	964	821	75	4	3,923	6,224	1,056	7,280
1945.....	475	909	680	115	6	4,476	6,661	1,278	7,939
1946.....	425	1,088	872	180	3	6,448	9,016	1,523	10,539
1947 <sup>4</sup> .....	376	1,108	950	480	4	6,680	9,598	1,832	11,430

<sup>1</sup> Crop year, with beginning dates varying from September to the following January.<sup>2</sup> Includes the production of muscovado and panocha, a low grade of sugar mostly for domestic consumption.<sup>3</sup> Beet sugar (refined) reduced to raw basis by multiplying by 1.07.<sup>4</sup> Preliminary.

Office of Foreign Agricultural Relations.

TABLE 128.—Cane sugar: Production in Cuba, 1939-48<sup>1</sup>

Year <sup>1</sup>	Cane grown <sup>2</sup>		Sugarcane harvested <sup>3</sup>			Raw sugar produced		Molasses produced	
	Acreage	Production	Acreage	Yield per acre	Total cane cut	Total	Sugar made per ton of sugar cane	Black-strap	High test
	1,000 acres	1,000 short tons	1,000 acres	Short tons	1,000 short tons	1,000 short tons	Pounds	1,000 gallons	1,000 gallons
1939.....	2,315	37,954	1,769	15.99	28,282	3,094	247	150,271	100,482
1940.....	2,325	39,447	1,883	16.58	31,220	3,157	247	124,903	178,026
1941.....	2,294	41,613	1,847	17.87	33,010	2,734	250	101,241	338,712
1942.....	2,172	37,753	2,093	17.45	36,525	3,800	246	165,628	168,602
1943.....	2,402	39,300	1,597	15.85	25,309	3,230	260	139,543	0
1944.....	2,496	47,119	2,392	18.90	45,314	4,738	248	231,391	222,523
1945.....	2,528	32,611	2,343	12.90	30,224	3,923	260	194,741	0
1946.....	2,645	38,749	2,517	14.65	36,859	4,476	243	233,650	0
1947 <sup>4</sup> .....	2,845	53,941	2,774	18.96	52,594	6,448	244	299,400	0
1948 <sup>4</sup> .....	3,014	55,819	2,924	18.52	54,165	6,680	247	331,600	0

<sup>1</sup> Harvesting season usually begins in January and extends through June. The length of the growing season is normally 12 months.

<sup>2</sup> Includes all cane cut, left standing, and destroyed by fire.

<sup>3</sup> Includes cane harvested for sugar and high-test molasses.

<sup>4</sup> Preliminary.

Office of Foreign Agricultural Relations. Prepared from data compiled by the Cuban Department of Agriculture and from trade sources.

TABLE 129.—Cane sugar: Production in Puerto Rico, 1939-48

Year <sup>1</sup>	Sugarcane harvested			Raw sugar produced		Black-strap molasses produced
	Acreage	Yield per acre	Production	Total	Sugar made per ton of sugarcane	
	1,000 acres	Short tons	1,000 short tons	1,000 short tons	Pounds	1,000 gallons
1939.....	303	22.7	6,875	832	248	34,511
1940.....	308	28.5	8,796	1,019	232	44,156
1941.....	308	25.1	7,745	932	241	40,276
1942.....	306	32.7	10,010	1,148	229	51,400
1943.....	307	28.2	8,678	1,039	240	40,200
1944.....	297	18.9	5,602	724	258	28,200
1945.....	302	26.5	7,998	964	241	40,400
1946.....	308	24.5	7,539	909	241	38,400
1947 <sup>2</sup> .....	308	30.2	9,290	1,088	234	50,800
1948 <sup>2</sup> .....	308	31.0	9,541	1,108	232	54,823

<sup>1</sup> Grinding begins in January. About  $\frac{1}{2}$  of the crop is 18 months' growth and  $\frac{1}{2}$  is 12 months' growth.

<sup>2</sup> Preliminary.

Office of Foreign Agricultural Relations. Compiled from annual reports of the Governor of Puerto Rico.

TABLE 130.—Cane sugar: Production in Hawaii, 1938-47

Year <sup>1</sup>	Total acreage in cane	Cane used for sugar			Sugar produced		Raw sugar 96° made per short ton of cane	Recovery of equivalent refined sugar from cane ground <sup>2</sup>
		Acreage harvested	Yield per acre <sup>3</sup>	Production	Converted to 96° raw basis <sup>4</sup>	Equivalent refined <sup>4</sup>		
	1,000 acres	1,000 acres	Short tons	1,000 short tons	1,000 short tons	1,000 short tons	Pounds	Percent
1938.....	238	136	65.0	8,835	941	880	213	9.96
1939.....	235	138	62.2	8,610	994	929	231	10.79
1940.....	235	136	62.7	8,557	977	913	228	10.67
1941.....	238	131	65.5	8,560	947	885	221	10.34
1942.....	225	115	69.0	7,918	870	813	220	10.27
1943.....	221	114	72.0	8,185	886	828	216	10.11
1944.....	216	110	71.5	7,832	875	818	223	10.44
1945.....	211	103	71.4	7,371	821	768	223	10.41
1946.....	208	84	71.1	6,002	680	636	227	10.59
1947.....	212	113	70.3	7,942	872	815	220	10.26

<sup>1</sup> Beginning Jan. 1.<sup>2</sup> The growth of 18 to 24 months. Only a portion of the total acreage in cane is harvested each year.<sup>3</sup> Converted in accordance with Sugar Regulations, Series 1, No. 1, U. S. Department of Agriculture, Agricultural Adjustment Administration, issued Feb. 18, 1935.<sup>4</sup> 1 ton of raw sugar, 96° test, is assumed to be equivalent to 0.9346 ton of refined.<sup>5</sup> Based on tonnage of cane used.

Bureau of Agricultural Economics. Collected through the Hawaiian Sugar Planters' Association. Data for 1919-37 in Agricultural Statistics, 1942, table 182.

TABLE 131.—Cane sugars: Production in Philippine Islands, 1938-47

Crop year <sup>1</sup>	Sugarcane harvested				Sugar produced				Centrifugal sugar made per ton of sugarcane	Production of—	
	Acreage cultivated	Yield per acre <sup>2</sup>	Production of all cane harvested <sup>3</sup>	Production for centrifugal sugar	Total	Centrifugal as made	Muscovado	Panocha		Basis	Molasses
	1,000 acres	Short tons	1,000 short tons	1,000 short tons	1,000 short tons	1,000 short tons	1,000 short tons	1,00 short tons	Pounds	1,000 gallons	1,000 gallons
1938.....	568	17.47	9,918	9,198	1,140	1,089	27	33	236	2,122	48,285
1939.....	590	16.97	10,011	8,917	1,142	1,049	64	29	235	1,793	50,578
1940.....	551	17.00	9,506	8,135	1,148	1,035	75	38	254	2,000	49,163
1941.....	334	17.00	5,795	4,400	665	550	75	40	250	2,000	26,125
1942.....	180	10.00	1,795	40	150	5	100	45	250	2,000	238
1943.....	144	10.00	1,435	40	150	5	100	45	250	2,000	238
1944.....	96	10.00	955	40	75	5	50	20	250	2,000	238
1945.....	135	10.00	1,349	110	115	13	75	27	236	2,000	618
1946 <sup>4</sup> .....	192	10.00	1,915	700	180	80	75	25	228	2,000	3,800
1947 <sup>4</sup> .....	305	16.11	4,915	3,760	480	392	70	18	208	2,000	20,000

<sup>1</sup> Harvesting season begins about Nov. 1, the length of the growing season being about 11 months.<sup>2</sup> Calculated cane production divided by acreage.<sup>3</sup> Calculated cane production is the sum of the estimated quantities of cane used for the production of the various kinds of sugar and basis. The quantity of cane ground for the production of centrifugal sugar is estimated on the basis of the reported yield of sugar per ton of cane. The quantity of cane ground for the production of muscovado, panocha, and basis is estimated on the basis of assumed ratios of juice extraction between the small mills and centrals.<sup>4</sup> Preliminary.

Office of Foreign Agricultural Relations. Compiled from reports of Philippine Department of Agriculture and Commerce.

TABLE 132.—*Sugar (raw value): Production in specified countries, averages 1930-34 and 1935-39, annual 1942-47*<sup>1</sup>

Continent and country	Average		1942	1943	1944	1945	1946	1947 <sup>2</sup>
	1930-34	1935-39						
	1,000 short tons	1,000 short tons	1,000 short tons	1,000 short tons	1,000 short tons	1,000 short tons	1,000 short tons	1,000 short tons
<b>North America (cane):</b>								
British Honduras.....	0	1	1	1	1	1	1	1
Canada (beet).....	66	76	101	76	88	88	109	87
Costa Rica.....	7	9	18	17	9	9	17	19
El Salvador.....	23	19	22	23	20	22	32	29
Guatemala.....	38	38	53	62	54	64	68	83
Honduras.....	1	2	2	1	2	2	2	2
Mexico.....	268	364	487	460	439	444	578	701
Nicaragua.....	6	9	17	17	14	15	16	20
Panama, including Canal Zone.....	3	5	5	6	5	7	9	12
United States (beet).....	1,396	1,520	1,726	998	1,056	1,278	1,523	1,832
United States (cane).....	236	474	460	498	437	475	425	376
<b>Caribbean:</b>								
Antigua.....	19	25	24	18	23	30	27	18
Barbados.....	90	133	150	95	111	127	99	67
Cuba.....	2,847	3,183	3,230	4,738	3,923	4,476	6,448	6,680
Dominican Republic.....	439	491	472	567	407	504	513	463
Grenada.....	1	1	1	1	1	1	1	1
Guadeloupe.....	40	53	53	32	31	33	34	39
Haiti.....	28	44	48	64	50	44	50	50
Jamaica.....	69	119	186	170	170	199	191	225
Martinique.....	49	62	26	6	12	26	38	50
Puerto Rico.....	894	974	1,039	724	964	909	1,088	1,108
St. Christopher.....	25	36	36	31	32	36	38	39
St. Lucia and St. Vincent.....	6	9	8	7	8	8	8	8
Trinidad and Tobago.....	121	148	79	83	86	123	123	140
Virgin Islands of the United States.....	3	6	4	3	4	6	3	4
<b>Total.....</b>	<b>6,675</b>	<b>7,801</b>	<b>8,248</b>	<b>8,698</b>	<b>7,947</b>	<b>8,927</b>	<b>11,441</b>	<b>12,054</b>
<b>Europe (beet):</b>								
Austria.....	192	196	130	119	91	20	28	45
Belgium.....	278	269	229	269	215	155	258	155
Bulgaria.....	36	24	38	50	39	21	36	22
Czechoslovakia.....	806	721	725	584	592	493	651	386
Denmark.....	173	257	238	213	196	203	237	239
Eire.....	37	89	60	120	103	116	64	74
Finland.....	7	13	7	7	6	5	6	10
France.....	1,112	1,059	765	714	366	508	842	734
Germany.....	1,838	2,122	2,100	2,097	1,777	1,860	1,101	1,862
Hungary.....	158	139	176	182	216	8	74	146
Italy.....	397	416	426	370	65	21	293	310
Netherlands.....	262	255	191	237	45	66	273	245
Poland and Danzig.....	546	548	500	500	480	216	470	547
Rumania.....	113	129	200	171	155	38	35	88
Spain.....	374	209	112	149	177	132	195	162
Sweden.....	252	340	311	279	308	325	320	275
Switzerland.....	8	12	23	23	25	31	24	26
United Kingdom.....	497	527	634	592	482	605	693	531
Yugoslavia.....	89	93	56	68	19	38	75	153
<b>Total Europe (excluding U.S.S.R.).....</b>	<b>7,175</b>	<b>7,408</b>	<b>6,911</b>	<b>6,744</b>	<b>5,357</b>	<b>3,861</b>	<b>5,675</b>	<b>5,010</b>
<b>U.S.S.R. (Europe and Asia)<sup>3</sup> (beet).....</b>	<b>1,584</b>	<b>2,887</b>	<b>650</b>	<b>808</b>	<b>1,270</b>	<b>1,200</b>	<b>775</b>	<b>2,060</b>
<b>Asia (cane):</b>								
Iran (beet).....	4	21	15	25	28	25	40	53
Turkey (beet).....	41	75	70	118	110	118	118	114
Burma.....	( <sup>4</sup> )	78	35	47	43	20	40	40
China.....	285	438	343	358	350	350	369	380
Manchuria (beet).....	10	14	19	26	31	30	29	29
Formosa.....	889	1,202	1,148	984	361	95	34	287
French Indochina.....	59	76	82	75	80	50	45	50
India.....	4,424	5,369	5,355	5,712	5,297	5,004	5,291	5,815
Pakistan.....	658	799	707	849	842	972	954	994
Japan.....	134	167	110	105	105	50	10	20
Java and Madura.....	1,731	1,447	748	550	95	22	25	160
Philippine Islands.....	1,177	1,127	150	150	75	115	180	480
<b>Total Asia (excluding U.S.S.R.).....</b>	<b>9,412</b>	<b>10,813</b>	<b>8,782</b>	<b>8,990</b>	<b>7,417</b>	<b>6,941</b>	<b>7,135</b>	<b>8,422</b>

TABLE 132.—*Sugar (raw value): Production in specified countries averages 1930-34 and 1935-39, annual 1942-47*—Continued

Continent and country	Average		1942	1943	1944	1945	1946	1947 <sup>1</sup>
	1930-34	1935-39						
	1,000 short tons	1,000 short tons	1,000 short tons	1,000 short tons	1,000 short tons	1,000 short tons	1,000 short tons	1,000 short tons
South America (cane):								
Argentina.....	381	480	398	453	506	495	700	668
Brazil.....	1,105	1,169	1,415	1,411	1,344	1,382	1,633	1,720
British Guiana.....	163	209	148	155	177	184	185	200
Colombia.....	32	47	67	86	95	95	97	117
Ecuador.....	22	24	33	31	27	38	39	40
Paraguay.....	7	7	11	12	12	9	21	18
Peru.....	441	448	430	460	468	443	474	490
Surinam.....	21	19	8	4	5	6	4	5
Uruguay (beet).....	2	2	2	2	2	2	2	2
Venezuela.....	23	19	41	40	42	33	36	40
Total.....	2,197	2,414	2,553	2,654	2,678	2,687	3,191	3,300
Africa (cane):								
Belgian Congo.....	5	15	19	16	15	16	16	18
British East Africa.....	30	63	84	69	67	68	75	102
Kenya.....			15	10	9	9	7	15
Tanganyika.....			8	9	8	8	7	8
Uganda.....			61	50	50	51	61	79
Egypt.....	161	167	209	184	190	198	210	235
Madagascar.....	8	13	13	14	13	18	14	12
Madeira Islands and Azores.....	9	9	6	5	6	7	8	8
Mauritius.....	236	321	368	345	223	175	320	386
Mozambique.....	93	79	88	93	91	79	79	88
Angola.....	26	38	49	58	58	56	56	49
Reunion.....	64	92	45	27	14	27	58	95
Union of South Africa.....	366	498	525	585	614	553	475	512
Total.....	998	1,295	1,406	1,396	1,291	1,197	1,311	1,505
Oceania (cane):								
Australia.....	667	894	728	587	750	746	619	674
Fiji.....	117	143	152	60	77	61	131	145
Hawaiian Islands.....	1,042	986	886	875	821	680	872	950
Japanese Mandated Islands.....	52	69	50	0	0	0	0	0
Total.....	1,878	2,092	1,816	1,522	1,648	1,487	1,622	1,769
Total, beet.....	10,284	12,025	9,518	8,830	7,966	6,624	8,266	9,179
Total, cane.....	19,635	22,685	20,848	22,001	19,642	19,676	22,884	24,931
Total, beet and cane.....	29,919	34,710	30,366	30,821	27,608	26,300	31,150	34,110

<sup>1</sup> Years shown are for crop years; generally the harvesting season begins in the fall months of the year shown or in the early months of the following year, except in certain cane-sugar-producing countries in the Southern Hemisphere, such as Australia, Argentina, Mauritius, Union of South Africa, etc., where the season begins in May or June of the year shown.

<sup>2</sup> Preliminary.

<sup>3</sup> Data not comparable with previous years because of boundary changes.

<sup>4</sup> Includes a small quantity of cane sugar.

<sup>5</sup> Includes Latvia and Lithuania.

<sup>6</sup> Included in India.

<sup>7</sup> Data for India are in terms of gur, a low grade of brown sugar. Includes Burma 1930-34 only.

<sup>8</sup> Includes cane and beet sugar.

<sup>9</sup> Data for Java are for the calendar years following the years shown.

<sup>10</sup> Includes centrifugal and muscovado sugar.

Office of Foreign Agricultural Relations. Prepared or estimated on the basis of official statistics of foreign governments, reports of United States foreign service officers, results of office research and other information. Estimates of countries having boundary changes have been adjusted to prewar boundaries except as noted.

TABLE 133.—*Sugar (raw): Stocks, production, trade, and supply available for consumption in continental United States, 1937-48*

Year beginning July—	Stocks as of July 1 <sup>1</sup>	Production <sup>2</sup>	Shipments from duty-free areas <sup>3</sup>	Imports as sugar <sup>4</sup>	Domestic exports as sugar <sup>5</sup>	Domestic exports in other forms <sup>6</sup>	Available for consumption <sup>7</sup>		
							Total	Per capita <sup>8</sup>	
								Raw	Refined <sup>9</sup>
	1,000 short tons	1,000 short tons	1,000 short tons	1,000 short tons	1,000 short tons	1,000 short tons	1,000 short tons	Pounds	Pounds
1937	1,447	1,840	2,602	1,743	65	15	5,996	92.7	87.6
1938	1,446	2,386	2,709	1,667	89	14	6,285	96.4	91.0
1939	2,020	2,262	2,570	2,512	227	14	7,078	107.7	101.5
1940	2,120	2,229	2,996	2,406	68	13	7,587	114.4	108.0
1941	2,083	2,007	1,714	2,544	145	19	6,569	98.1	92.4
1942	1,615	2,186	1,587	2,255	200	0	5,964	87.9	82.9
1943	1,479	1,496	1,624	3,986	486	2	6,809	99.1	93.6
1944	1,288	1,493	1,303	4,231	225	4	7,402	106.6	97.7
1945	684	1,753	1,720	2,442	316	9	5,319	73.8	71.2
1946 <sup>10</sup>	955	1,948	1,457	3,371	288	12	6,293	88.2	82.7
1947 <sup>10</sup>	1,138	2,208	1,578	3,524	99	10	6,836	94.0	88.6
1948 <sup>10</sup>	1,502								

<sup>1</sup> Beginning 1935, includes stocks of raw and refined sugar held by refiners, by importers and distributors of direct consumption sugar, and by beet-sugar factories, as reported by the Sugar Branch, U. S. Department of Agriculture. Beginning 1940, includes stocks held by importers. Stocks on July 1, 1940, comparable to July 1, 1939, totaled 2,045,506 tons.

<sup>2</sup> Beet and cane sugar only. Beet converted to raw at the rate of 1.07 tons raw to 1 ton refined.

<sup>3</sup> Shipments from Hawaii, Puerto Rico, and the Virgin Islands and duty-free imports from the Philippine Islands.

<sup>4</sup> Imports for consumption. No account taken of sugar imported in other forms. Does not include imports from the Philippine Islands.

<sup>5</sup> Shipments to Hawaii, Puerto Rico, and Alaska included, and to Virgin Islands beginning January 1935. Direct exports to foreign countries through customs districts of noncontiguous Territories excluded.

<sup>6</sup> Sugar used in the manufacture of other commodities for export, on which drawback was paid, taken into account.

<sup>7</sup> Beginning July 1941, includes sugar available for military services, both in the United States and abroad.

<sup>8</sup> Based on estimates of total population, January 1.

<sup>9</sup> Raw sugar converted to refined by multiplying by the following factors: Hawaii 0.9617; Puerto Rico, Philippines, and Virgin Islands 0.946; Cuba and all others 0.9418. Use reciprocal of above factors to reduce refined sugar to raw.

<sup>10</sup> Preliminary.

Office of Foreign Agricultural Relations. Trade figures from the monthly summary of Foreign Commerce of the United States and unpublished records of the Bureau of the Census. Data for earlier years in Agricultural Statistics, 1941, table 206, and Agricultural Statistics, 1942, table 185.

TABLE 134.—*Sugar (cane and beet): Total and per capita civilian consumption, United States<sup>1</sup> 1929-47*

Calendar year	Total, raw basis	Per capita, refined basis	Calendar year	Total, raw basis	Per capita, refined basis
	1,000 short tons	Pounds		1,000 short tons	Pounds
1929	6,317	96.3	1939	6,908	98.0
1930	7,221	109.0	1940	6,763	95.2
1931	6,669	99.9	1941	7,350	103.6
1932	6,321	94.1	1942 <sup>1</sup>	6,102	86.2
1933	6,293	93.1	1943	5,568	80.3
1934	6,357	93.5	1944 <sup>1</sup>	6,158	89.1
1935	6,602	96.4	1945	5,107	73.5
1936	6,703	97.2	1946	5,558	74.6
1937	6,042	95.8	1947 <sup>1</sup>	7,045	91.8
1938	6,645	96.0			

<sup>1</sup> The per capita civilian consumption was obtained by dividing the total apparent civilian consumption by total population adjusted for underenumeration of children under 5 years of age and members of the armed forces not eating out of civilian supplies.

<sup>2</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1909-28 in Agricultural Statistics, 1944, table 128.

NOTE.—These figures are on a calendar-year basis and therefore they differ from other series on a fiscal year basis. Raw sugar may be converted (roughly) to a refined basis by dividing by 1.07.



TABLE 135.—*Cane sugar, raw: Refiners' stocks, receipts, meltings, and direct-consumption deliveries, United States, 1938-47*

Year and source of supply	Jan. 1 stocks	Receipts <sup>1</sup>	Meltings	Deliveries for direct consumption	Lost by fire, etc.	Dec. 31 stocks
	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>
1938.....	207,381	4,668,897	4,575,008	10,480	1,820	288,970
1939.....	288,970	4,684,996	4,489,085	6,176	0	478,705
1940.....	478,705	4,514,423	4,647,782	7,779	305	337,362
1941.....	337,362	5,586,474	5,489,341	8,573	947	425,575
1942.....	425,575	3,392,848	3,452,420	5,587	801	359,815
1943.....	359,815	4,756,811	4,629,885	15,196	806	471,139
1944.....	471,139	5,354,862	5,484,618	9,875	382	331,226
1945.....	331,226	4,736,944	4,828,862	5,021	48	234,239
1946:						
Cuba.....	75,121	2,285,753	2,245,013	1,555	91	114,215
Hawaii.....	86,513	632,790	693,970	1,655	0	23,678
Puerto Rico.....	28,827	746,561	747,055	212	612	27,509
Philippine Islands.....	0	0	0	0	0	0
Continental United States.....	43,778	306,437	322,958	517	60	26,700
Virgin Islands.....	0	4,823	4,823	0	0	0
Other countries.....	0	46,760	46,760	0	0	0
Miscellaneous (sweepings, etc.).....	0	503	503	0	0	0
Total.....	234,239	4,023,627	4,061,082	3,939	743	192,102
1947: <sup>2</sup>						
Cuba.....	114,215	3,777,779	3,659,927	5,919	30	226,118
Hawaii.....	23,678	829,913	775,925	2,708	0	74,958
Puerto Rico.....	27,509	836,819	850,075	350	77	13,896
Philippine Islands.....	0	0	0	0	0	0
Continental United States.....	26,700	276,690	261,251	48	0	42,091
Virgin Islands.....	0	2,744	2,744	0	0	0
Other countries.....	0	44,749	16,188	0	0	28,561
Miscellaneous (sweepings, etc.).....	0	242	242	0	0	0
Total.....	192,102	5,768,936	5,566,352	9,025	37	385,624

<sup>1</sup> Receipts are of sugar arriving in the ports of the United States regardless of whether or not it has been imported (i.e., entered through the customs).

<sup>2</sup> Preliminary.

Production and Marketing Administration. Compiled in the administration of the Sugar Act of 1937. Totals for 1937 in Agricultural Statistics, 1947, table 132.

TABLE 136.—*Sugar, raw and refined: Average price per pound at specified markets, 1938-47*

Year	Wholesale price					Year	Wholesale price				
	Raw			Refined	Retail price		Raw			Refined	Retail price
	96° centrif- ugal, Havana, Cuba <sup>1</sup>	96° centrif- ugal, New York <sup>1</sup>	New York <sup>1</sup>	New York <sup>1</sup>	United States <sup>1</sup>		96° centrif- ugal, Havana, Cuba <sup>1</sup>	96° centrif- ugal, New York <sup>1</sup>	New York <sup>1</sup>	New York <sup>1</sup>	United States <sup>1</sup>
1938.....	Cents 1.430	Cents 3.0	Cents 2.036	Cents 4.481	Cents 5.3	1943.....	Cents 2.407	Cents 3.7	Cents 2.990	Cents 5.488	Cents 6.8
1939.....	1.487	3.0	1.905	4.572	5.4	1944.....	2.436	3.7	2.990	5.456	6.8
1940.....	1.341	2.8	1.896	4.337	5.2	1945.....	2.907	3.8	3.422	5.390	6.7
1941.....	1.670	3.4	2.478	4.922	5.7	1946.....	3.502	4.6	4.610	6.343	7.7
1942.....	2.492	3.7	2.988	5.448	6.8	1947.....	4.736	6.2	5.458	8.124	9.7

<sup>1</sup> Official "Promedio" price converted to the basis of United States pounds.

<sup>2</sup> On the basis of duty paid.

<sup>3</sup> Price per pound, cost and freight.

<sup>4</sup> Includes the processing tax of 0.535 cent per pound from June 8, 1934, to Jan. 6, 1936, and the excise tax of 0.535 cent per pound from Sept. 1, 1937, to date.

<sup>5</sup> Averages of prices reported by retail dealers as of the 15th of the month in leading cities of the United States.

Bureau of Agricultural Economics. Compiled as follows: Anuario Azucarera de Cuba (Cuba Sugar Year Book); U. S. Bureau of Labor Statistics wholesale and retail price series; Lamborn's Sugar Market Report, New York. Data for earlier years available in 1924 Yearbook, table 388; 1930 Yearbook, table 162; 1933 Yearbook, table 138; and Agricultural Statistics, 1944 table 125.

**TABLE 137.—Sugar: International trade, average 1935-39, annual 1943-47**

Country	Average 1935-39		1943		1944		1945		1946 <sup>1</sup>		1947 <sup>1</sup>	
	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports
PRINCIPAL EXPORTING COUNTRIES												
Cuba	2,919,150	32	4,135,928	4	4,337,683	0	4,078,325	0	4,147,842	6,133,518		
Netherlands Indies	1,896,846	146										
Philippines	588,475	146										
United States	480,078	494	435,159	1	832,310	( <sup>7</sup> )	363,639	0	334			
Dominican Republic	327,665	0	198,874	234	335,685	44	354,763	( <sup>2</sup> )	459,014	28,100		
Peru	311,266	0	330,392	0	285,749	( <sup>4</sup> )	147,807	0	290,663	516,646		
Australia	470,684	84	107,325	( <sup>4</sup> )	127,692	( <sup>4</sup> )	169,089	( <sup>4</sup> )	303,734			
British Guiana	200,436	56	146,928	6	192,634	67	148,506	6	131,040			
Hungary	12,947	22	3,549	937	2,216	77,051	98,942	44	165,510	67		
Union of South Africa	219,461	1,393	148,520	20	61,712	1,236	66,472	1,173	14,141	808		
Trinidad and Tobago	19,301	18	10,712	1,028	10,712	6	10,712	0	17,511	94,220	2	
Burma	82,879	211	129,868	0	105,886		112,168		109,892	94,597		
Benin	89,952	2	4,006	0	29,165	0	88,783	0	165,538	143,227		
Jamaica	101,114	15	137,416	0	147,784	11	132,496	44	106,538			
Mozambique	72,571	87	60,780	4	70,284	4	46,928	2	24,223	0		
Brazil	51,449	1	12,801	0	77,650	0	29,691	0	2,822	67,863	0	
Argentina	9,032	926	3,890	21	77,586	82,343	4,210	38,001	2,595	22,505		
Nicaragua	3,330	5	3,674	4	3,568	14	( <sup>2</sup> )	802	3,122	8		
Total	7,010,345	5,680	5,940,178	2,238	6,777,644	160,670	5,839,819	40,406	5,608,322	43,608	7,561,117	25
PRINCIPAL IMPORTING COUNTRIES												
United States <sup>1</sup>	86,440	3,002,702	592,242	3,344,258	293,135	3,866,123	192,760	3,288,859	361,250	2,643,378	186,780	4,161,189
United Kingdom	378,279	426,647	4,134	1,966,542	9,279	1,263,117	86,481	1,163,903	179,336	1,645,374	304,788	2,101,800
British India	43,744	127,164	* 8,788		* 7,381		74,035	-311				
Burma	0	* 17,517										
China	572	196,808	1,431	61,296	567	23,483			7,065	1,039		
Netherlands	248,567	4,467	420,134	3,090	10,522	452,022	24,371	424,532	2,893	438,637	3,144	607,157
Canada	246,530	404,292	30,575	17,140	222	24,260	5,564	174,197	7,140	278,599	157,061	87,696
France	183,316	124,879				1		0				
Japan	61,815	164,448	5,566	10,866	0							
Netherlands	700	173,774	6	64,901	7	57,002	12	33,636	435	136,552	674	204,302
Switzerland	12	141,055	0	170,381		157,026		175,037		157,060		
Chile	18,882	149,022										
British Malaya	8,751	0	11,726	0	0	16,089	16,706	2,904	487	5,797	0	18,547
Sweden	196	0	25,357	0	0	80,267	17,055	17,055	0	35,797	0	85,410
Finland	0	108,098	0	27,723	16	80,267	233	73,457	3	84,393	0	78,462
Portugal	0	88,638	15	28,720	3	50,164	23	75,357	3	78,462	0	71,649
France	1,283	91,860	843	1,103	1,103	89,233	309	107,271	307	96,892	635	95,241
New Zealand	0	100,724	0	69,884	0	33,002	33,002	24	80,538	78,673	81,072	81,072
Norway	73,491	61,813	4,683	7,367	7,367	3,483	3,483	11,023	11,023	4,425	11,318	11,318
Egypt	166,975	156,975	705	1,124	1,124	77	77	9,932	9,932	4,425	11,318	11,318
Belgium	86,586	156,975	705	1,124	1,124	77	77	9,932	9,932	4,425	11,318	11,318

Greece.....	0	70,303	0	6,294	0	5,403	0	25,276	0	25,328	0	62,385
Algeria.....	108	83,714	0	71,153	88	54,696	0	51,520	0	74,295	0	88,912
Ceylon.....	(1)	83,327	0	90,667	0	87,300	0	101,044	0	102,816	0	109,592
Siam.....	19	40,644	1,742	12,048	7,033	4,922	1,025	5,015	0	101,665	0	61,065
Uruguay.....	0	54,705	0	71,233	0	68,054	44,192	55,001	42,069	0	54,140	0
Denmark.....	14,084	13,080	65,450	341	20,524	107	0	21	0	0	0	0
Total.....	1,177,204	8,700,132	719,280	6,251,819	333,260	6,396,689	382,276	5,933,441	612,971	6,129,012	706,412	7,707,610
Grand total.....	8,787,549	8,705,812	6,659,458	6,254,057	7,110,904	6,557,359	6,222,095	5,993,847	6,221,293	6,172,620	8,267,529	7,707,635

1 Preliminary.

2 Less than one-half ton.

3 Year beginning July.

4 Not separately reported.

5 Re-exports.

6 Includes imports from the Virgin Islands of the United States through 1935, Philippine Islands all years, but does not include shipments from Hawaii and Puerto Rico or Virgin Islands since 1935.

7 Year beginning April.

\* Prior to April 1937, foreign trade included with data for British India.

† 1939 only.

‡ Year beginning June 22, 1935-36; year beginning March 21, 1938, to date.

§ 11 months only.

Bureau of Agricultural Economics. Compiled from official sources and trade estimates. The following kinds and grades have been used under the head of sugar: Brown, white, candied, caramel, chanaea (Peru), crystal, cube, maple, muscovado, and panels. The following have been excluded: Candy, confectionery, glucose, grape sugar, jagery, molasses, and sirups. Negative imports mean that re-exports were in excess of imports.

TABLE 138.—*Sugar, refined, cane and beet: Stocks, production, and receipts, and distribution in the United States, by primary distributors, 1938-48*

## JAN. 1 STOCKS

Year	Cane-sugar refineries	Beet-sugar factories	Importers of direct consumption sugar <sup>1</sup>	Continental cane-sugar mills <sup>2</sup>	Total
	Short tons	Short tons	Short tons	Short tons	Short tons
1938.....	356,092	1,013,284	59,313	24,308	1,452,997
1939.....	337,869	1,292,568	76,708	63,386	1,770,531
1940.....	335,390	1,262,892	106,323	45,189	1,749,794
1941.....	255,497	1,496,841	36,615	32,862	1,821,815
1942.....	222,709	1,232,256	52,800	44,621	1,552,386
1943.....	254,369	1,208,157	73,541	79,115	1,615,182
1944.....	224,497	783,642	57,787	74,538	1,140,464
1945.....	59,061	698,821	7,201	33,256	798,339
1946.....	133,151	859,759	8,213	85,064	1,086,187
1947 <sup>3</sup> .....	139,150	927,522	11,821	74,051	1,152,544
1948 <sup>4</sup> .....	230,378	1,150,401	17,933	38,283	1,436,995

## PRODUCTION AND RECEIPTS

1938.....	4,320,673	1,633,363	543,238	124,908	6,622,182
1939.....	4,212,225	1,662,340	564,949	114,009	6,553,523
1940.....	4,365,080	1,683,966	578,812	78,208	6,706,066
1941.....	5,158,446	1,560,272	543,329	101,925	7,363,972
1942.....	3,250,938	1,567,621	456,812	104,451	5,379,822
1943.....	4,316,043	1,001,406	466,153	111,140	5,894,742
1944.....	5,084,022	995,842	438,135	112,894	6,630,893
1945.....	4,466,279	1,135,736	429,598	143,628	6,175,241
1946.....	3,754,865	1,356,966	452,348	127,590	5,691,769
1947 <sup>5</sup> .....	5,181,778	1,694,598	504,422	72,570	7,453,668

## DELIVERIES

1938.....	* 4,338,896	* 1,354,079	525,943	85,830	* 6,304,648
1939.....	* 4,214,704	* 1,692,016	535,334	132,206	* 6,574,260
1940.....	* 4,444,973	* 1,450,017	648,520	90,535	* 6,634,045
1941.....	* 5,191,234	* 1,824,857	527,144	90,166	* 7,633,401
1942.....	* 3,219,278	* 1,591,720	436,071	69,957	* 5,317,026
1943.....	* 4,345,915	* 1,425,921	481,907	115,717	* 6,369,460
1944.....	* 5,249,458	* 1,080,663	488,721	154,176	* 6,973,018
1945.....	* 4,392,189	* 974,798	428,586	91,820	* 5,887,393
1946.....	* 3,748,866	* 1,289,203	448,740	138,603	* 5,625,412
1947 <sup>6</sup> .....	* 5,090,550	* 1,472,019	498,310	108,338	* 7,169,217

<sup>1</sup> Raw sugar imported for direct consumption has been converted to refined basis. Stocks include sugar in bond and in customs custody and control.

<sup>2</sup> Sugar for direct consumption only. All sugars converted to refined basis.

<sup>3</sup> Preliminary.

<sup>4</sup> Excludes raw sugar delivered by refiners for direct consumption as follows: 1938, 10,480 tons; 1939, 6,176 tons; 1940, 7,779 tons; 1941, 8,573 tons; 1942, 5,587 tons; 1943, 15,196 tons; 1944, 9,875 tons; 1945, 5,021 tons; 1946, 3,939 tons, and 1947, 9,027 tons.

<sup>5</sup> Larger than actual deliveries by a small amount representing losses in reprocessing, etc.

<sup>6</sup> Includes sales for export. The Department of Commerce reported exports of refined sugar amounting to 61,826 tons in 1938; 124,554 tons in 1939; 167,923 tons in 1940; 66,167 tons in 1941. Deliveries for export during subsequent years were: 194,911 tons in 1942; 436,312 tons in 1943; 292,953 tons in 1944; 271,621 tons in 1945; 376,850 tons in 1946, and 217,060 tons in 1947.

Production and Marketing Administration. Compiled in the administration of the Sugar Act of 1937. Totals for 1937 in Agricultural Statistics, 1947, table 134.

TABLE 139.—*Sugarcane sirup: Acreage, production, Dec. 1 price per gallon received by farmers, and value, United States, 1929-47*

Year	Acreage harvested for sirup	Yield per acre	Production	Price	Farm value	Year	Acreage harvested for sirup	Yield per acre	Production	Price	Farm value
	1,000 acres	Gallons	1,000 gallons	Cents	1,000 dollars		1,000 acres	Gallons	1,000 gallons	Cents	1,000 dollars
1929.....	109	180.8	19,711	71.7	14,124	1939.....	142	157.0	22,264	43.8	9,752
1930.....	111	149.6	16,602	57.8	9,594	1940.....	100	134.0	13,360	49.5	6,616
1931.....	111	136.4	15,143	50.3	7,619	1941.....	110	169.0	18,638	60.5	11,285
1932.....	124	148.0	18,349	40.1	7,351	1942.....	113	163.0	18,416	72.7	13,396
1933.....	142	148.7	21,113	45.7	9,656	1943.....	126	167.0	21,027	87.3	20,450
1934.....	151	157.1	23,727	45.8	10,856	1944.....	118	169.0	19,897	96.7	19,240
1935.....	152	161.2	24,509	42.5	10,413	1945.....	133	216.0	28,711	93.3	26,797
1936.....	138	157.0	21,670	42.9	9,300	1946.....	120	204.0	24,450	155.0	37,871
1937.....	143	166.7	23,844	44.5	10,609	1947 <sup>1</sup> .....	112	181.0	20,270	117.0	23,783
1938.....	134	153.2	20,524	44.7	9,168						

<sup>1</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1909-28 in Agricultural Statistics, 1942, table 194.

TABLE 140.—*Sugarcane sirup: Acreage, yield, production, and Dec. 1 price per gallon received by farmers, by States, average 1936-45, annual 1946 and 1947*

State	Acreage harvested for sirup			Yield per acre			Production			Dec. 1 price		
	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947
	1,000 acres	1,000 acres	1,000 acres	Gallons	Gallons	Gallons	1,000 gallons	1,000 gallons	1,000 gallons	Cents	Cents	Cents
South Carolina.....	4	3	2	109	140	150	424	420	300	87	165	165
Georgia.....	30	23	22	140	175	185	4,200	4,025	4,070	73	180	140
Florida.....	11	11	12	166	180	200	1,850	1,980	2,400	63	160	125
Alabama.....	25	18	18	112	135	120	2,777	2,430	2,160	75	200	155
Mississippi.....	22	20	20	144	175	130	3,209	3,500	2,600	71	205	180
Louisiana.....	28	43	36	267	275	235	7,671	11,825	8,460	<sup>2</sup> 52	<sup>2</sup> 120	<sup>2</sup> 80
Texas.....	5	2	2	131	135	140	611	270	280	89	200	205
United States.....	126	120	112	165	204	181	20,835	24,450	20,270	64.6	155	117

<sup>1</sup> Preliminary.<sup>2</sup> Season average price.

Bureau of Agricultural Economics.

TABLE 141.—*Sorgo sirup: Acreage, production, Dec. 1 price per gallon received by farmers, and value, United States, 1929-47*

Year	Acreage harvested for sirup	Yield per acre	Production	Price	Farm value	Year	Acreage harvested for sirup	Yield per acre	Production	Price	Farm value
	1,000 acres	Gallons	1,000 gallons	Cents	1,000 dollars		1,000 acres	Gallons	1,000 gallons	Cents	1,000 dollars
1929.....	143	61.5	8,792	90.2	7,928	1939.....	189	54.0	10,199	58.4	5,968
1930.....	190	51.2	9,727	78.9	7,675	1940.....	186	57.4	10,684	58.2	6,219
1931.....	313	66.1	20,682	43.2	8,930	1941.....	176	60.0	10,568	61.5	6,502
1932.....	354	57.6	20,392	37.9	7,737	1942.....	221	62.1	13,728	81.6	11,196
1933.....	360	59.2	21,326	48.1	10,251	1943.....	207	57.3	11,868	125.0	14,855
1934.....	330	56.3	18,588	50.7	9,423	1944.....	187	62.3	11,649	137.0	15,936
1935.....	285	56.9	16,230	55.0	8,924	1945.....	159	61.9	9,850	144.0	14,173
1936.....	245	52.8	12,936	57.5	7,439	1946.....	177	67.4	11,934	213.0	25,381
1937.....	210	59.4	12,481	56.8	7,095	1947 <sup>1</sup> .....	162	61.0	9,885	176.0	17,372
1938.....	197	57.9	11,407	56.0	6,384						

<sup>1</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1919-28 in Agricultural Statistics, 1942, table 196.

TABLE 142.—*Sorgo sirup: Acreage, yield, production, and Dec. 1 price per gallon received by farmers, by States, average 1936-45, annual 1946 and 1947*

State	Acreage harvested for sirup			Yield per acre			Production			Dec. 1 price		
	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947
	1,000 acres	1,000 acres	1,000 acres	Gallons	Gallons	Gallons	1,000 gallons	1,000 gallons	1,000 gallons	Cents	Cents	Cents
Indiana.....	2	1	1	78	75	70	184	75	70	107	220	215
Illinois.....	2	2	1	55	65	55	108	130	55	110	225	220
Wisconsin.....	1	1	1	70	62	51	71	62	51	134	260	265
Iowa.....	3	3	1	108	129	80	335	387	80	108	210	205
Missouri.....	0	7	5	49	55	42	440	385	210	106	225	225
Kansas.....	2	2	2	41	51	51	68	102	102	94	170	175
Virginia.....	3	3	2	66	66	70	208	198	140	99	210	210
West Virginia.....	2	2	3	65	68	75	155	136	225	106	215	210
North Carolina.....	12	15	13	65	81	73	774	1,215	949	93	210	200
South Carolina.....	11	10	9	49	58	49	536	580	441	76	170	175
Georgia.....	20	13	16	55	53	59	1,097	889	944	84	230	190
Kentucky.....	14	16	13	61	85	74	829	1,360	962	96	225	180
Tennessee.....	19	19	15	60	80	62	1,115	1,520	930	94	240	185
Alabama.....	32	29	28	60	63	60	1,911	1,827	1,680	73	210	150
Mississippi.....	24	20	25	71	70	75	1,750	1,400	1,875	60	210	150
Arkansas.....	20	20	16	48	60	42	924	1,200	672	84	205	200
Louisiana.....	3	2	2	52	40	35	169	80	70	56	135	140
Oklahoma.....	5	4	3	27	47	33	182	188	99	84	195	170
Texas.....	14	8	6	49	50	55	682	400	330	70	165	160
United States.....	198	177	162	58.5	67.4	61.0	11,537	11,934	9,885	83.6	213	176

<sup>1</sup> Preliminary.<sup>2</sup> Short-time average.

Bureau of Agricultural Economics.

# MAPLE SUGAR AND SIRUP

115

TABLE 143.—*Maple sugar and sirup: Production and season average price received by farmers, 10 States, and United States imports, 1929-47*

Year	Trees tapped	Sugar made <sup>1</sup>	Sirup made <sup>1</sup>	Total product in terms of sugar <sup>2</sup>	Average total product per tree		Price per pound of sugar	Price per gallon of sirup	Imports for consumption	
					As sugar <sup>3</sup>	As sirup <sup>3</sup>			Maple sugar	Maple sirup <sup>4</sup>
	1,000 trees	1,000 pounds	1,000 gallons	1,000 pounds	Pounds	Gallons	Cents	Dollars	1,000 pounds	1,000 pounds
1929.....	12,951	1,362	2,362	20,258	1.56	0.20	30.0	2.03	12,249	181
1930.....	13,158	2,134	3,712	31,830	2.42	.30	30.2	2.03	9,735	1,575
1931.....	12,092	1,342	2,247	19,318	1.60	.20	26.2	1.72	1,629	132
1932.....	12,064	1,277	2,471	21,045	1.74	.22	24.6	1.51	2,628	61
1933.....	12,009	1,051	2,218	18,795	1.57	.20	20.9	1.18	2,974	370
1934.....	12,099	1,044	2,444	20,596	1.70	.21	24.9	1.33	2,976	1,316
1935.....	12,341	1,241	3,432	28,697	2.33	.29	26.7	1.42	1,920	2,469
1936.....	11,500	721	2,401	19,929	1.73	.22	26.8	1.44	6,207	305
1937.....	11,339	779	2,497	20,755	1.83	.23	28.9	1.61	6,050	84
1938.....	11,380	705	2,770	22,865	2.01	.25	28.4	1.61	5,946	39
1939.....	10,313	366	2,515	20,486	1.99	.25	28.7	1.68	9,622	2,046
1940.....	9,957	434	2,597	21,210	2.13	.27	29.5	1.65	4,087	4,660
1941.....	9,785	387	1,997	16,363	1.67	.21	29.2	1.74	4,628	2,328
1942.....	9,847	654	2,915	23,974	2.43	.30	37.5	2.27	7,121	4,791
1943.....	9,281	578	2,555	21,018	2.26	.28	45.3	2.85	4,556	1,184
1944.....	8,681	565	2,568	21,109	2.43	.30	47.4	3.04	3,883	1,798
1945.....	7,336	237	991	8,165	1.11	.14	54.0	3.21	3,959	1,232
1946.....	8,000	372	1,328	10,996	1.37	.17	65.6	3.30	4,207	2,221
1947 <sup>4</sup> .....	8,568	305	2,039	16,617	1.94	.24	84.9	5.18	4,064	5,141

<sup>1</sup> Does not include production on nonfarm lands in Somerset County, Me.

<sup>2</sup> Assuming that 1 gallon of sirup is equivalent to 8 pounds of sugar.

<sup>3</sup> A gallon of maple sirup weighs about 11 pounds.

<sup>4</sup> Preliminary.

Bureau of Agricultural Economics. Imports from reports of the Department of Commerce. Data for 1924-28 in Agricultural Statistics, 1942, table 198, and for 1916-23 in 1941 book, table 219.

TABLE 144.—*Maple sugar and sirup: Production by States, average 1936-45, annual 1946 and 1947*

State	Trees tapped			Sugar made <sup>1</sup>			Sirup made <sup>2</sup>		
	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>
	1,000 trees	1,000 trees	1,000 trees	1,000 pounds	1,000 pounds	1,000 pounds	1,000 gallons	1,000 gallons	1,000 gallons
Maine.....	142	87	95	8	7	6	22	10	17
New Hampshire.....	279	207	226	31	12	10	57	36	51
Vermont.....	4,190	3,298	3,463	259	236	191	935	607	777
Massachusetts.....	201	154	169	28	12	11	54	38	43
New York.....	2,949	2,686	2,874	142	67	52	712	411	684
Pennsylvania.....	460	291	335	43	11	16	129	45	90
Ohio.....	873	532	543	5	0	0	249	80	160
Michigan.....	491	502	577	13	2	14	112	63	141
Wisconsin.....	316	210	252	2	0	1	69	28	66
Maryland.....	42	33	34	11	5	4	21	10	10
10 States.....	9,942	8,000	8,568	543	372	305	2,381	1,328	2,039

<sup>1</sup> Preliminary.

<sup>2</sup> Does not include production on nonfarm lands in Somerset County, Me.

Bureau of Agricultural Economics.



TABLE 145.—*Edible sirups and molasses: United States production, foreign trade, and indicated domestic consumption, 1929-47*

Year	Production <sup>1</sup>						Imports						Shipments from Territories	Total from off-shore
	Sirups					Edible molasses	Honey <sup>4</sup>	Total	Maple sirup	Edible molasses	Honey	Honey		
	Corn	Cane	Sorgo	Maple <sup>5</sup>	Refiners <sup>2</sup>									
	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	
1929..	94,566	18,339	10,676	2,362	4,320	7,852	17,979	156,094	16	2,071	9	209	2,305	
1930..	87,317	19,711	8,792	2,712	3,860	5,201	14,280	142,573	143	7,890	8	170	8,211	
1931..	79,093	16,002	9,727	2,247	3,399	4,855	13,816	129,739	12	7,243	5	223	7,483	
1932..	67,653	15,143	20,682	2,471	3,546	5,168	14,527	129,190	6	8,694	5	216	8,921	
1933..	85,186	18,349	20,392	2,218	3,692	5,462	12,693	147,902	34	10,859	4	205	11,102	
1934..	82,227	21,113	21,326	2,444	3,050	5,301	13,202	148,663	120	17,869	6	200	18,195	
1935..	80,198	23,727	18,588	3,432	2,887	5,512	13,596	147,940	224	12,644	5	153	13,026	
1936..	98,225	24,509	16,230	2,401	2,700	5,526	15,106	164,697	28	17,625	11	190	17,854	
1937..	87,956	21,670	12,936	2,497	2,735	5,228	13,872	146,893	8	10,882	21	182	11,093	
1938..	91,938	23,844	12,481	2,770	2,900	3,880	18,979	156,792	4	10,956	17	190	11,167	
1939..	97,233	20,524	11,407	2,515	3,428	3,882	15,359	154,348	241	11,564	23	198	12,026	
1940..	100,275	22,264	10,199	2,597	2,800	4,891	17,512	160,538	424	12,261	41	189	12,915	
1941..	106,486	13,360	10,684	1,997	2,600	2,706	18,890	156,723	212	11,653	284	154	12,303	
1942..	172,370	18,638	10,568	2,915	6,400	5,400	15,121	231,412	436	7,758	1,706	98	9,908	
1943..	153,178	18,416	13,728	2,555	12,225	7,732	16,159	223,990	108	1,584	3,124	131	4,947	
1944..	154,581	21,027	11,868	2,568	14,996	10,690	16,078	231,808	163	9,874	2,011	101	11,459	
1945..	156,417	19,897	11,649	991	22,020	6,922	19,836	237,732	112	1,871	1,673	132	3,788	
1946..	156,364	28,711	9,850	1,328	18,211	15,181	18,197	247,842	202	622	1,602	95	2,521	
1947 <sup>7</sup>	168,766	24,450	11,934	2,039	10,000	13,589	19,418	250,196	467	650	1,645	90	2,852	

Year	Exports					Indicated domestic consumption						Total			
	Corn sirup	Sirups, including maple <sup>8</sup>	Edible molasses	Honey	Total	Sirups					Edible molasses				
						Corn	Cane	Sorgo	Maple	Refiners					
	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons			
1929..	10,087	3,176	8,577	738	22,578	84,479	18,339	10,676	2,378	1,144	1,346	17,459			
1930..	6,111	1,612	10,093	314	18,130	81,206	19,711	8,792	3,855	2,248	2,998	14,144			
1931..	5,297	811	4,285	356	10,749	73,796	16,602	9,727	2,259	2,588	7,813	13,688			
1932..	3,655	525	640	402	5,222	63,998	15,143	20,682	2,477	3,021	13,222	14,346			
1933..	3,771	675	3,193	524	8,163	81,415	18,349	20,392	2,252	3,017	13,128	12,378			
1934..	3,327	518	1,463	166	5,474	78,900	21,113	21,326	2,664	2,532	21,707	13,242			
1935..	2,078	377	401	134	2,990	78,120	23,727	18,588	3,656	2,510	17,755	15,620			
1936..	2,886	284	921	96	4,187	95,339	24,509	16,230	2,429	2,416	22,230	15,211			
1937..	2,362	380	1,072	216	4,030	85,693	21,670	12,936	2,505	2,355	15,038	13,859			
1938..	3,659	407	3,120	293	7,379	88,379	23,844	12,481	2,774	2,493	11,716	18,993			
1939..	4,211	2,378	1,629	218	8,436	93,022	20,524	11,407	2,756	1,050	13,817	15,362			
1940..	7,992	1,179	3,621	286	13,078	92,283	22,264	10,199	3,021	1,621	13,531	17,456			
1941..	2,949	192	6,873	45	10,059	103,537	13,360	10,684	2,209	2,408	7,486	18,283			
1942..	1,445	342	435	29	2,251	170,925	18,638	10,568	3,351	6,086	12,723	16,896			
1943..	595	396	232	5	1,230	152,580	18,416	13,728	2,663	11,827	9,084	19,409			
1944..	934	300	150	15	1,399	153,647	21,027	11,868	2,731	14,599	9,724	18,175			
1945..	1,067	421	1,621	17	3,126	155,350	19,897	11,649	1,103	21,599	7,172	21,624			
1946..	3,779	3,896	959	17	8,651	152,585	28,711	9,850	1,530	14,315	14,844	19,877			
1947 <sup>7</sup>	4,189	342	618	110	5,259	164,577	24,450	11,934	2,506	9,658	13,621	21,043			

<sup>1</sup> Production of cane sirup, sorgo sirup, and edible molasses is of the fall of the preceding year.<sup>2</sup> Does not include varying quantities produced on nonfarm lands in Somerset County, Maine.<sup>3</sup> From 1929 to 1942 inclusive, figures for odd years (except 1941) are from the Bureau of the Census; for even years (and 1941) quantities are estimated. Data for 1943-47 from the Sugar Branch, United States Department of Agriculture.<sup>4</sup> Data for 1939-47 are official figures of Bureau of Agricultural Economics; previous years' estimates are unofficial.<sup>5</sup> Preliminary.<sup>6</sup> Assumed to be largely refiners' sirup.

Office of Foreign Agricultural Relations.

TABLE 146.—Honey: Colonies of bees, yield per colony, production of honey and beeswax, average price per pound received by beekeepers, and foreign trade in honey, United States, 1939-47

Year	Number of colonies	Yield per colony	Production		Price		Honey imports and in-shipments			Honey, domestic exports
			Honey	Bees-wax	All honey	Bees-wax	Imports for consumption	From Puerto Rico and Hawaii	Total	
	Thousands	Pounds	1,000 pounds	1,000 pounds	Cents	Cents	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1939	4,422	40.8	180,474	-----	6.7	-----	271	2,332	2,603	2,561
1940	4,350	47.3	205,767	-----	6.1	22.5	478	2,220	2,698	3,363
1941	4,477	49.6	221,959	3,495	7.2	35.6	3,337	1,807	5,144	5,130
1942	4,893	36.3	177,672	3,344	13.8	40.3	20,049	1,153	21,202	335
1943	4,887	38.9	189,867	3,743	16.8	41.4	36,712	1,542	38,254	59
1944	5,217	36.2	188,917	3,921	17.7	41.5	23,620	1,191	24,811	177
1945	5,460	42.7	233,070	4,543	18.6	41.3	19,482	1,549	21,031	197
1946 <sup>1</sup>	5,787	36.9	213,814	4,381	24.4	44.4	18,823	1,112	19,935	198
1947 <sup>1</sup>	5,910	38.6	228,162	4,492	26.0	43.8	19,329	1,048	20,377	1,292

<sup>1</sup> Preliminary.

Bureau of Agricultural Economics. Data on exports, imports, and shipments from records of the Department of Commerce.

TABLE 147.—Package bees: Number of queens, number of packages, and total pounds of bees shipped, by States, 1947, and total shipments, 1946

State	Shipments in 1947								Total shipments in 1946 <sup>1</sup>
	Queens	Packages of designated sizes					Other packages	Total	
		2-lb.	3-lb.	4-lb.	5-lb.	Total			
Georgia -----	Number	Number	Number	Number	Number	Number	Pounds	Pounds	Pounds
Alabama -----	141,700	31,273	52,950	4,841	248	89,312	0	242,000	259,000
Mississippi -----	227,100	63,009	43,721	2,371	867	109,968	0	271,000	263,000
Louisiana -----	103,000	33,396	21,390	897	690	56,373	0	138,000	120,000
Texas -----	188,700	37,058	52,397	2,308	492	92,255	0	243,000	206,000
California -----	100,700	18,287	20,027	320	213	38,847	2,000	101,000	97,000
Other States -----	186,400	75,323	31,251	750	0	107,324	2,600	250,000	238,000
	59,600	17,306	26,101	1,041	124	44,572	12,300	130,000	117,000
Total, 1947 -----	1,007,200	275,652	247,837	12,528	2,634	538,651	16,900	1,375,000	-----
Total, 1946 -----	949,300	245,517	244,256	10,549	4,198	504,520	13,014	-----	1,300,000

<sup>1</sup> Bureau of Agricultural Economics.

TABLE 148.—Honey: Colonies of bees, yield per colony, production of honey and beeswax, 1946 and 1947

State and division	1946				1947			
	Number of colonies	Yield per colony	Production		Number of colonies	Yield per colony	Production	
			Honey	Beeswax			Honey	Beeswax
	Thousands	Pounds	1,000 pounds	1,000 pounds	Thousands	Pounds	1,000 pounds	1,000 pounds
Maine.....	8	14	112	3	8	22	176	2
New Hampshire.....	4	26	104	3	4	31	124	2
Vermont.....	9	22	198	5	9	48	432	6
Massachusetts.....	21	22	462	13	24	25	600	13
Rhode Island.....	1	20	20	(1)	1	23	23	1
Connecticut.....	18	35	630	9	19	36	684	10
New York.....	209	33	6,897	110	219	60	13,140	171
New Jersey.....	28	24	672	21	33	19	627	16
Pennsylvania.....	181	28	5,068	101	195	35	6,825	116
North Atlantic.....	479	29.6	14,163	265	512	44.2	22,631	337
Ohio.....	352	32	11,264	191	373	24	8,952	134
Indiana.....	180	50	9,000	225	198	22	4,356	91
Illinois.....	221	37	8,177	139	232	29	6,728	128
Michigan.....	222	25	5,560	139	204	35	7,140	164
Wisconsin.....	212	37	7,844	141	212	55	11,660	210
East North Central.....	1,187	35.2	41,835	835	1,219	31.9	38,836	727
Minnesota.....	299	62	18,538	352	299	68	20,332	427
Iowa.....	256	67	17,152	429	251	96	24,096	554
Missouri.....	190	35	6,650	126	209	21	4,389	97
North Dakota.....	23	90	2,070	27	23	56	1,288	23
South Dakota.....	66	18	1,188	30	18	76	1,368	22
Nebraska.....	58	103	5,974	99	55	100	5,500	99
Kansas.....	60	56	3,360	67	64	40	2,560	54
West North Central.....	904	60.8	54,932	1,120	919	64.8	59,533	1,276
Delaware.....	3	35	105	3	3	30	90	2
Maryland.....	27	32	864	22	30	26	780	20
Virginia.....	148	20	2,960	41	145	32	4,640	51
West Virginia.....	129	16	2,064	33	107	21	2,247	34
North Carolina.....	177	20	3,540	60	173	36	6,228	125
South Carolina.....	66	13	858	19	66	20	1,320	24
Georgia.....	230	17	3,910	117	225	19	4,275	94
Florida.....	191	80	15,280	290	195	42	8,190	164
South Atlantic.....	971	30.5	29,581	585	944	29.4	27,770	514
Kentucky.....	214	13	2,782	83	208	17	3,536	71
Tennessee.....	187	11	2,057	49	189	22	4,158	87
Alabama.....	196	14	2,744	69	192	17	3,264	88
Mississippi.....	78	17	1,326	40	80	20	1,600	30
Arkansas.....	85	25	2,125	53	94	21	1,974	47
Louisiana.....	81	15	1,215	30	87	22	1,914	42
Oklahoma.....	60	32	1,920	38	64	35	2,240	56
Texas.....	273	40	10,920	218	292	42	12,264	245
South Central.....	1,174	21.4	25,089	580	1,206	25.7	30,950	666
Montana.....	52	66	3,432	69	58	70	4,060	73
Idaho.....	159	43	6,837	164	169	40	6,760	142
Wyoming.....	41	35	1,435	34	42	34	1,428	34
Colorado.....	75	80	3,750	90	75	65	4,875	98
New Mexico.....	18	60	900	11	19	45	855	14
Arizona.....	65	41	2,665	48	63	64	4,032	65
Utah.....	53	16	848	25	55	45	2,475	57
Nevada.....	13	100	1,300	13	13	70	910	22
Washington.....	67	45	3,015	78	77	50	3,850	89
Oregon.....	68	28	1,904	44	69	33	2,277	57
California.....	461	48	22,128	420	470	36	16,920	321
Western.....	1,072	45.0	48,214	996	1,110	43.6	48,442	972
United States.....	5,787	36.9	213,814	4,381	5,910	38.6	228,162	4,492

1 Less than 500 pounds.

Bureau of Agricultural Economics.

TABLE 149.—Honey and beeswax: Average price per pound received by beekeepers, 1947

State and division	Honey prices <sup>1</sup>							Beeswax prices
	Wholesale			Retail			All honey <sup>2</sup>	
	Comb	Extracted	Chunk	Comb	Extracted	Chunk		
	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
Maine.....	37	30	-----	44	37	-----	39	43
New Hampshire.....	38	30	-----	46	37	-----	37	43
Vermont.....	38	28	-----	46	35	-----	34	43
Massachusetts.....	38	32	-----	47	38	-----	38	44
Rhode Island.....	36	30	-----	45	38	-----	39	45
Connecticut.....	34	27	-----	43	36	-----	34	44
New York.....	33	22	-----	39	30	-----	26	44
New Jersey.....	40	35	-----	46	38	-----	38	46
Pennsylvania.....	32	26	28	36	33	33	31	46
North Atlantic.....	32.9	23.3	-----	38.4	32.1	-----	28.7	44.5
Ohio.....	33	24	28	36	30	31	28	44
Indiana.....	34	24	28	38	30	34	30	44
Illinois.....	30	22	26	32	27	28	26	44
Michigan.....	35	21	28	40	31	34	26	45
Wisconsin.....	33	22	26	38	27	30	25	45
East North Central.....	32.8	22.3	27.6	36.6	29.1	31.6	26.6	44.4
Minnesota.....	32	24	25	34	26	27	26	43
Iowa.....	31	23	25	34	25	27	24	43
Missouri.....	31	23	27	34	26	30	27	42
North Dakota.....	28	24	-----	31	28	-----	26	44
South Dakota.....	29	24	-----	32	27	-----	26	44
Nebraska.....	28	23	24	30	25	26	24	43
Kansas.....	27	21	23	30	24	25	24	44
West North Central.....	30.6	23.4	25.0	33.3	25.7	28.0	25.0	43.1
Delaware.....	31	26	-----	36	31	-----	30	44
Maryland.....	31	26	31	36	34	35	33	44
Virginia.....	33	28	31	38	34	36	34	43
West Virginia.....	30	28	30	40	38	39	37	44
North Carolina.....	36	32	34	40	37	40	38	43
South Carolina.....	33	31	31	35	33	34	33	41
Georgia.....	30	27	28	33	31	32	29	44
Florida.....	30	24	28	35	29	32	26	44
South Atlantic.....	32.0	25.5	29.3	38.2	31.4	36.8	31.9	43.6
Kentucky.....	35	31	33	37	34	36	35	43
Tennessee.....	34	28	33	38	33	36	35	44
Alabama.....	29	24	27	32	29	31	28	43
Mississippi.....	26	23	24	29	27	28	25	43
Arkansas.....	25	23	24	30	28	28	26	43
Louisiana.....	23	15	-----	25	22	-----	19	45
Oklahoma.....	29	24	27	35	30	30	29	43
Texas.....	25	19	21	30	23	25	21	43
South Central.....	29.1	20.1	26.9	35.0	27.6	33.5	26.2	43.2
Montana.....	33	21	-----	36	25	-----	23	45
Idaho.....	33	19	-----	36	24	-----	21	46
Wyoming.....	33	22	-----	39	25	-----	23	46
Colorado.....	32	20	24	37	24	27	22	44
New Mexico.....	33	20	26	38	26	32	22	43
Arizona.....	-----	17	-----	32	27	-----	19	43
Utah.....	30	18	-----	35	24	-----	21	43
Nevada.....	30	20	-----	35	25	-----	22	43
Washington.....	33	20	28	39	30	35	26	45
Oregon.....	33	23	28	37	27	32	26	44
California.....	27	19	-----	32	27	-----	21	44
Western.....	30.8	19.2	24.7	34.7	26.0	29.7	21.8	44.3
United States.....	31.8	21.4	28.1	36.4	27.9	33.7	26.0	43.8

<sup>1</sup> Average price for honey sold, all types of containers.<sup>2</sup> Weighted average price of all honey, comb, extracted, and chunk honey.

Bureau of Agricultural Economics.

TABLE 150.—Honey and beeswax: Average prices for specified types and locations, 1938-47<sup>1</sup>

EXTRACTED HONEY, PER POUND										
Item and location	1938	1939	1940	1941	1942	1943 <sup>2</sup>	1944 <sup>3</sup>	1945 <sup>4</sup>	1946 <sup>5</sup>	1947 <sup>6</sup>
California White to Water White Orange: F. o. b. Southern California delivery points <sup>1</sup>	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents
New York City <sup>4</sup>	5.4	5.4	5.1	5.1	10.8	12.0	12.0	12.5	19.0	21.0
California Light Amber to Extra Light Amber Alfalfa: F. o. b. Imperial Valley points <sup>1</sup>	8.8	8.5	8.5	8.8	14.6	-----	-----	-----	-----	17.0
Intermountain White to Water White Sweet-clover-Alfalfa: F. o. b. Intermountain points <sup>1</sup>	3.9	3.9	3.6	4.0	9.0	12.0	12.0	12.0	17.0	14.5
White Clover: F. o. b. New York and North Central States <sup>1</sup>	5.6	4.6	4.6	4.8	10.5	12.1	12.3	13.3	18.0	18.0
Northeastern Buckwheat: F. o. b. New York and Pennsylvania points <sup>1</sup>	6.2	5.4	5.1	5.5	11.2	12.1	13.2	14.5	21.0	19.0
	5.1	4.8	4.9	5.2	10.6	12.0	12.0	12.2	18.5	15.0
COMB HONEY, PER 24-SECTION CASE										
White Clover, No. 1 and Fancy wrapped: F. o. b. New York and North Central States <sup>1</sup>	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
	3.33	3.02	2.89	3.06	4.14	5.40	6.25	7.00	7.75	8.75
BEESWAX, PER POUND										
"Average yellow" or lighter beeswax—Average price to beekeepers, f. o. b. shipping point or nearby market:	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents
Southern California	19.2	17.4	19.1	27.1	40.3	41.5	41.5	41.5	44.0	45.4
Intermountain region	19.9	16.2	20.0	26.2	40.5	41.5	41.5	41.6	44.1	45.5
White Clover Belt (North Central and Northeastern States)	23.5	20.0	22.9	28.4	41.2	41.5	41.5	41.6	44.7	45.8
Weighted average	21.2	18.0	21.0	27.2	40.8	41.5	41.5	41.6	44.3	45.6

<sup>1</sup> Simple arithmetical averages of average monthly prices.<sup>2</sup> All prices paid beekeepers in 1943, 1944, 1945, 1946, 1947 on basis of f. o. b. shipping points.<sup>3</sup> Price paid beekeepers in large lots, mostly less than carlots.<sup>4</sup> Sales by original receivers to bottlers, confectioners, bakers, or jobbers.<sup>5</sup> Price paid beekeepers or other shippers, mostly in carlots.<sup>6</sup> Price paid beekeepers for large lots, but less than carlots.

Production and Marketing Administration.

TABLE 151.—Honey: Imports for consumption into the United States, by countries of origin, average 1931-40, annual 1945-47

Continent and country of origin	Average 1931-40	1945	1946	1947 <sup>1</sup>	Continent and country of origin	Average 1931-40	1945	1946	1947 <sup>1</sup>
North America:	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	Europe:	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Cuba	78	9,062	8,972	6,085	Greece	18	-----	-----	14
Mexico	16	3,979	4,294	5,992	United Kingdom	6	-----	-----	-----
Guatemala	15	826	800	1,046	Other Europe	7	-----	-----	( <sup>2</sup> )
Dominican Republic	15	826	516	418	Asia, total	6	-----	-----	1
Costa Rica	12	143	411	179	Oceania, total	1	-----	2	( <sup>2</sup> )
Haiti	1	108	515	271	All others	( <sup>4</sup> )	-----	-----	3
El Salvador	2	131	159	675					
Canada	14	172	-----	6	Total	162	19,654	18,823	19,329
Honduras	( <sup>4</sup> )	-----	-----	4					
Nicaragua	-----	-----	14	-----	Shipments from Territories to the United States:				
Other North America	( <sup>4</sup> )	-----	-----	12	Puerto Rico	1,176	832	758	323
South America:					Hawaii	1,110	720	354	725
Argentina	( <sup>4</sup> )	2,952	1,091	3,378	Grand total receipts from off-shore	2,448	21,206	19,935	20,377
Chile	( <sup>4</sup> )	1,425	1,980	1,149					
Surinam (Netherlands Guiana)	-----	-----	50	62					
Brazil	( <sup>4</sup> )	-----	18	35					

<sup>1</sup> Preliminary.<sup>2</sup> 10-year average, but imports from this country actually occurred in only a few of the 10 years. For example, a total of 46,000 pounds of honey was imported from Dominican Republic during 1937 and 1940; none during the remaining 8 years.<sup>3</sup> Withdrawal from warehouse; imported prior to the year to which it is credited.<sup>4</sup> Less than 500 pounds; imports from this area did not occur in all of the 10 years.<sup>5</sup> Less than 500 pounds.

Production and Marketing Administration. Compiled from official reports of the Department of Commerce.

TABLE 152.—Beeswax, crude: Imports for consumption into the United States, by countries of origin, average 1931-40, annual, 1945-47

Continent and country of origin	Average 1931-40	1945	1946	1947 <sup>1</sup>	Continent and country of origin	Average 1931-40	1945	1946	1947 <sup>1</sup>
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds		1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
<b>South America:</b>					<b>Europe:</b>				
Brazil.....	1,150	992	1,209	581	Portugal.....	503	173	136	-----
Chile.....	275	553	542	220	United Kingdom.....	281	275	-----	-----
Uruguay.....	16	-----	-----	-----	Germany.....	222	-----	-----	-----
Argentina.....	8	-----	45	-----	France.....	222	-----	-----	-----
Peru.....	5	1	9	-----	Belgium.....	210	-----	-----	-----
French Guiana.....	26	-----	-----	-----	Netherlands.....	27	-----	-----	-----
Colombia.....	21	6	-----	2	Czechoslovakia.....	26	-----	-----	-----
Ecuador.....	( <sup>2</sup> )	-----	10	-----	Spain.....	-----	55	-----	-----
Bolivia.....	22	-----	-----	-----	Italy.....	22	-----	-----	-----
Venezuela.....	21	-----	-----	-----	Soviet Russia in Europe.....	21	-----	-----	-----
<b>North America:</b>					Norway.....	( <sup>2</sup> )	-----	-----	-----
Cuba.....	530	517	497	606	<b>Asia:</b>				
Dominican Republic.....	350	514	513	493	Turkey (Asia and Europe).....	246	-----	-----	54
Mexico.....	126	37	13	45	Turkey (Asia).....	-----	22	-----	-----
Haiti.....	213	159	140	140	Arabia Peninsula States.....	-----	32	4	-----
Canada.....	26	1	12	-----	Aden.....	24	-----	-----	-----
Guatemala.....	24	41	33	59	Iran (Persia).....	21	20	6	-----
El Salvador.....	21	-----	20	12	Palestine and Trans-Jordan.....	22	15	-----	-----
Costa Rica.....	21	2	-----	-----	British India.....	22	-----	-----	-----
Barbados.....	-----	4	1	-----	China.....	21	-----	-----	-----
Bahamas.....	-----	2	-----	-----	Iran.....	21	-----	-----	-----
Leeward Islands.....	-----	2	-----	-----	Japan.....	21	-----	-----	-----
Honduras.....	-----	1	-----	-----	Syria.....	21	-----	-----	-----
Jamaica.....	( <sup>2</sup> )	-----	-----	-----	Netherlands Indies.....	( <sup>2</sup> )	-----	-----	-----
Other British West Indies.....	( <sup>2</sup> )	-----	-----	-----	British Oceania.....	( <sup>2</sup> )	-----	-----	-----
Nicaragua.....	( <sup>2</sup> )	-----	-----	-----	<b>Total.....</b>	<b>4,080</b>	<b>7,365</b>	<b>6,395</b>	<b>3,489</b>
Panama, Republic of.....	( <sup>2</sup> )	-----	-----	-----	<b>Shipments from Territories to the United States:</b>				
<b>Africa:</b>					Puerto Rico.....	24	25	18	18
Western Portuguese Africa <sup>4</sup> .....	255	2,252	1,781	330	Hawaii.....	30	8	6	14
Ethiopia.....	285	396	901	630	<b>Grand total off-shore receipts.....</b>	<b>4,134</b>	<b>7,398</b>	<b>6,419</b>	<b>3,491</b>
Egypt.....	2304	-----	48	32					
Anglo-Egyptian Sudan.....	( <sup>2</sup> )	143	100	221					
Madagascar.....	27	777	-----	-----					
French North Africa.....	218	-----	-----	-----					
Other French Africa.....	126	328	-----	-----					
British East Africa.....	267	11	80	6					
Mozambique.....	23	134	133	-----					
Belgian Congo.....	25	12	33	-----					
Union of South Africa.....	23	-----	4	-----					
Nigeria.....	-----	-----	1	-----					
Other British West Africa.....	21	( <sup>2</sup> )	-----	-----					
Eastern Italian Africa.....	-----	-----	14	-----					
British Somaliland.....	-----	-----	-----	22					
Liberia.....	( <sup>2</sup> )	-----	-----	-----					

<sup>1</sup> Preliminary.

<sup>2</sup> 10-year average, but imports from this area did not occur in all of the 10 years.

<sup>3</sup> Less than 500 pounds; imports from this country did not occur in all of the 10 years.

<sup>4</sup> Includes Portuguese Guinea, Angola, and Cape Verde Islands. Most of these imports were from Portuguese Guinea and Angola.

<sup>5</sup> Prior to 1942, imports from Egypt and the Sudan were not reported separately.

<sup>6</sup> Morocco 10,000; Algeria 7,000; Tunisia 1,000 pounds.

<sup>7</sup> Less than 500 pounds.

Production and Marketing Administration. Compiled from official reports of the Department of Commerce.

TABLE 153.—*Tobacco: Acreage, production, value, and foreign trade, United States, 1929-47*

Year	Acreage harvested	Yield per acre	Production <sup>1</sup>	Season average price per pound received by farmers	Farm value	Foreign trade, year beginning July <sup>2</sup>		
						Domestic exports	Imports	Net exports <sup>3</sup>
	<i>Acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
1929.....	1,888,365	771.5	1,456,510					
1929.....	1,980,000	774.1	1,532,676	18.3	280,996	600,181	63,181	541,312
1930.....	2,124,200	775.8	1,648,037	12.8	210,852	591,035	75,425	517,388
1931.....	1,988,100	787.2	1,565,088	8.2	128,582	432,361	73,375	359,374
1932.....	1,404,600	724.8	1,018,011	10.5	107,356	399,966	59,545	341,454
1933.....	1,739,400	788.8	1,371,965	13.0	178,418	472,630	<sup>4</sup> 55,784	416,846
1934.....	1,837,117	825.7	1,081,449					
1934.....	1,273,100	851.9	1,084,589	21.3	225,084	374,658	58,270	316,388
1935.....	1,439,100	904.5	1,302,041	18.4	238,966	432,668	67,895	364,773
1936.....	1,440,900	807.0	1,162,838	23.6	273,944	416,884	69,309	347,575
1937.....	1,762,800	895.2	1,569,023	20.4	320,111	459,564	68,021	391,543
1938.....	1,600,700	865.6	1,385,573	19.6	270,492	473,757	76,085	397,672
1939.....	1,855,230	917.2	1,699,728					
1939.....	1,999,700	940.0	1,880,629	15.4	288,889	342,154	80,732	261,422
1940.....	1,410,200	1,036.0	1,460,441	16.1	234,453	179,627	77,845	101,784
1941.....	1,306,500	966.0	1,261,839	26.4	333,085	279,008	70,970	208,038
1942.....	1,377,300	1,023.0	1,408,394	36.9	519,503	281,941	81,412	200,529
1943.....	1,458,000	964.0	1,406,190	40.5	569,974	336,926	71,240	265,686
1944.....	1,630,221	1,091.0	1,778,769					
1944.....	1,751,100	1,116.0	1,954,699	42.0	820,447	445,826	77,023	368,803
1945.....	1,822,500	1,094.0	1,994,262	42.5	847,651	535,878	76,069	459,809
1946.....	1,963,400	1,182.0	2,321,596	45.1	1,046,442	591,076	92,409	498,667
1947 <sup>5</sup> .....	1,845,000	1,142.0	2,107,763	43.3	912,079			

<sup>1</sup> Production, exports, and imports are not comparable; i. e., production figures are on a farm-sales-weight basis, whereas exports and imports are on a declared-weight basis.

<sup>2</sup> Compiled from Monthly Summary of Foreign Commerce of the United States, January and June issues, and official records of the Department of Commerce; includes stems and trimmings.

<sup>3</sup> Total exports (domestic plus foreign) minus imports. Beginning 1933 domestic exports minus imports for consumption.

<sup>4</sup> Beginning 1933, imports for consumption.

<sup>5</sup> Preliminary.

Bureau of Agricultural Economics. Italic figures are census returns. Data for 1899-1928 in Agricultural Statistics, 1942, table 202.



TABLE 154.—Tobacco: Acreage, yield, production, and season average price per pound received by farmers, by States, average 1936-45, annual 1946 and 1947

State	Acreage harvested		Yield per acre		Production		Price <sup>2</sup> for crop of—	
	Average 1936-45	1946	Average 1936-45	1946	Average 1936-45	1946	Average 1936-45	1947 <sup>1</sup>
	Acres	Acres	Pounds	Pounds	1,000 pounds	1,000 pounds	Cents	Cents
Massachusetts.....	5,670	7,400	1,527	1,579	8,640	10,738	30.8	107.0
Connecticut.....	16,100	19,100	1,337	1,424	21,488	27,063	54.6	117.0
New York.....	31,880	37,900	1,342	1,350	42,826	51,124	16.5	31.0
Pennsylvania.....	25,230	19,800	1,423	1,560	35,850	30,618	16.1	30.5
Ohio.....	10,470	18,500	995	1,064	10,423	19,800	21.6	38.4
Indiana.....	20,840	24,300	1,447	1,475	30,158	35,720	17.0	40.5
Wisconsin.....	20,840	24,300	1,447	1,475	30,158	35,720	17.0	40.5
Minnesota.....	5,750	6,000	1,170	1,255	6,720	7,525	15.8	25.0
Missouri.....	38,200	50,000	932	1,150	35,500	57,500	37.5	43.2
Kansas.....	127,950	147,900	740	925	93,744	137,821	28.8	43.0
Maryland.....	3,020	3,200	891	1,070	2,884	3,424	44.5	38.6
West Virginia.....	630,800	811,800	961	1,142	607,902	927,425	26.2	44.3
North Carolina.....	103,900	145,000	961	1,185	102,534	171,825	26.7	42.0
South Carolina.....	19,110	25,500	890	1,045	16,790	26,731	43.5	38.8
Florida.....	356,690	415,700	941	1,219	337,468	506,765	27.8	68.8
Kentucky.....	109,480	129,100	865	1,323	94,900	170,805	35.2	41.7
Tennessee.....	4,378	4,000	480	500	2,092	2,000	42.2	36.7
Alabama.....	1,591,860	1,963,400	971	1,182	1,548,389	2,321,596	28.3	45.1
Louisiana.....	400	300	442	500	174	150	33.2	80.0
United States.....	1,591,860	1,963,400	971	1,182	1,548,389	2,321,596	28.3	43.3

<sup>1</sup> Preliminary.<sup>2</sup> For prices on a type basis, see tables 155 and 157.<sup>3</sup> Sales to date (May 1948) insufficient to establish price, evaluated at 1946 crop average price to obtain 1947 farm value in table 153.<sup>4</sup> Short-time average.

Bureau of Agricultural Economics.

TABLE 155.—Tobacco: Acreage, yield, production, and season average price per pound received by farmers, by class and type, average 1936-45, annual 1946 and 1947

Class and type	Type No.	Acreage harvested			Yield per acre			Production			Price for crop of—			
		Average 1936-45	1946	1947 1	Average 1936-45	1946	1947 1	Average 1936-45	1946	1947 1	Average 1936-45	1946	1947 1	
Fire-cured: Old Belt..... Eastern North Carolina Belt..... South Carolina Belt..... Georgia-Florida Belt..... Total.....		Acres	Acres	Acres	Pounds	Pounds	Pounds	1,000 Pounds	1,000 Pounds	1,000 Pounds	Cents	Cents	Cents	
	11	340,150	427,000	413,650	889	1,139	1,065	302,938	493,360	440,000	29.9	45.0	38.8	
	12	307,800	395,000	387,000	1,000	1,150	1,205	307,988	454,250	466,335	28.8	52.5	43.1	
	13	173,950	241,000	231,000	994	1,171	1,131	173,809	282,225	267,345	28.3	48.6	42.2	
	14	100,410	125,800	130,200	931	1,027	1,151	93,155	129,189	149,886	25.6	43.4	37.5	
		922,310	1,188,800	1,161,200	960	1,137	1,135	877,891	1,352,024	1,317,466	26.1	48.3	41.2	
Fire-cured: Virginia..... Hopkinsville-Clarksville..... Paducah..... Henderson Stemming (Kentucky)..... Total.....														
	21	18,250	15,600	14,300	848	1,100	975	15,294	17,160	13,942	17.2	28.8	20.0	
	22	53,250	51,000	48,700	913	1,238	1,049	47,405	63,150	51,105	16.7	26.9	30.3	
	23	23,410	24,800	20,600	889	1,145	1,000	20,307	28,400	20,600	14.2	22.2	27.8	
	24	870	200	200	876	1,050	1,000	716	210	200	12.9	21.8	25.0	
		95,780	91,600	83,800	895	1,189	1,024	83,722	108,920	85,850	16.2	26.0	29.5	
Air-cured (light): Burley..... Southern Maryland..... Total.....														
	31	403,700	480,000	413,800	971	1,256	1,170	397,392	614,004	484,346	30.8	30.7	48.3	
	32	38,200	50,000	48,000	740	925	800	28,499	46,250	38,400	36.0	44.5	(*)	
	31-32	441,900	530,000	461,800	952	1,225	1,132	425,891	660,254	522,746	31.1	40.0	48.0	
	Air-cured (dark): One Sucker..... Green River (Kentucky)..... Virginia sun-cured..... Total.....													
		35	20,970	23,000	19,300	950	1,241	1,088	19,923	28,545	20,980	14.1	22.3	25.7
36		16,510	13,500	13,500	928	1,230	1,030	15,184	17,080	13,905	15.2	22.6	25.4	
37		3,940	3,800	2,600	804	1,035	925	2,626	3,933	2,405	19.9	24.2	28.6	
		40,520	40,800	35,400	935	1,215	1,054	37,803	49,558	37,300	14.9	22.5	25.8	
Cigar filler: Pennsylvania Seedleaf..... Miami Valley (Ohio)..... Total.....														
	41	31,100	37,300	38,800	1,422	1,560	1,465	44,358	58,188	57,018	16.1	32.5	30.5	
	42-44	11,250	5,500	6,000	1,064	1,125	1,260	11,712	7,500	6,188	13.5	36.0	31.0	
		42,710	42,800	44,800	1,318	1,504	1,454	56,070	65,688	63,206	15.5	32.8	30.6	



TABLE 156.—Tobacco: Acreage, yield per acre, and production in specified countries, averages 1930-34 and 1935-39, annual 1945-47<sup>1</sup>

Continent and country	Acreage					Yield per acre <sup>2</sup>				Production					
	Average		1945 <sup>3</sup>	1946 <sup>3</sup>	1947 <sup>3</sup>	Average		1945 <sup>3</sup>	1946 <sup>3</sup>	1947 <sup>3</sup>	Average		1945 <sup>3</sup>	1946 <sup>3</sup>	1947 <sup>3</sup>
	1930-34	1935-39				1930-34	1935-39				1930-34	1935-39			
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Pounds	Pounds	Pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
<b>North America:</b>															
Canada	48	69	83	110	125	947	1,103	1,281	928	45,150	76,556	92,345	141,384	116,084	116,084
Mexico	3,706	51				739	887			25,663	42,426	55,115	44,533	50,705	50,705
United States	1,706	1,047	1,825	1,960	1,845	784	887	1,180	1,142	1,337,538	1,460,054	1,994,262	2,312,090	2,107,763	2,107,763
Cuba	125	107	151	140	112	390	474	559	540	48,925	50,833	50,833	78,210	60,858	60,858
Dominican Republic			64	37	38	637	673	972	875	17,457	13,600	82,239	32,215	44,092	44,092
Puerto Rico	34	44	36	31	28	637	673	890	750	21,317	23,393	25,560	23,560	24,560	24,560
<b>Europe:</b>															
Albania	3	5				848	826	535		2,473	4,082	2,646			
Austria	2	6				2,100	2,500	2,073	2,079	14,777	16,431	12,623	24,075	13,391	13,391
Bulgaria	7	94	180	154	114	793	809	494	685	53,527	75,871	88,994	105,394	105,394	105,394
Czechoslovakia <sup>1</sup>	23	24	7	14	15	1,268	802	1,324	1,324	61,143	6,614	18,913	18,913	18,913	18,913
France <sup>2</sup>	41	44	42	60	72	1,268	1,076	1,548	1,477	71,259	72,965	65,965	88,565	115,062	115,062
Germany	27	33				2,231	2,254			60,304	74,355				
Greece	110	172	200	172	200	589	589	481	362	103,615	132,819	32,910	32,910	103,222	103,222
Hungary	53	37	20	37	47	1,259	1,258	863	874	702	17,435	17,435	32,787	32,787	32,787
Italy <sup>3</sup>	97	81	56	106	143	1,377	1,377	978	900	10,123	28,549	17,587	96,496	142,295	142,295
Poland	12	17	64	30	30	1,334	1,334	1,021	892	16,123	28,549	12,787	96,496	142,295	142,295
Rumania <sup>4</sup>	44	44	19	24	30	663	647	342	277	15,064	28,549	21,855	38,442	38,442	38,442
Spain	10	1	1	1	1	1,551	1,551	1,021	1,021	15,064	17,322	19,244	32,448	30,452	30,452
Sweden	1	1	1	1	1	1,735	1,562	1,473	1,473	1,186	1,061	1,270	1,118	1,118	1,118
Switzerland	35	39	3	4	3	1,672	1,571	1,883	1,774	1,856	2,276	5,917	6,460	5,917	5,917
Yugoslavia	439	600	768	969	969	768	969	265	265	26,976	37,410				
U. S. S. R.			742	1,129						340,805	525,000				
<b>Asia:</b>															
Iran	29	32	38	38	38	1,220	1,096	754	980	966	34,542	38,690	36,947	37,478	37,478
Cyprus	1		5			417		363		9,589	9,589	22,046			
Iraq	4					420	401			1,528	2,760	1,743	1,884	2,240	2,240
Syria and Lebanon	113	25	26	30	320	683	661	615	654	7,708	8,825	15,355	16,914	13,285	13,285
Turkey	124	194	243	305	320	683	661	615	654	84,740	128,505	153,636	215,945	220,400	220,400
Burma	98	108				900	990	906	906	97,216	107,072				
China <sup>5</sup>	944	1,228	980	1,353	1,476	1,028	1,021	906	966	970,474	1,254,539	887,792	1,303,006	1,429,806	1,429,806
French Indochina	36	44				774	728			27,817	32,004				
India			1,022	831		831	728	725		701,600	701,600	741,440	741,440	741,440	741,440
Pakistan	55	35	92	98	102	1,668	1,621	1,468	1,468	143,680	143,680	206,232	206,232	206,232	206,232
Japan	2	2	2	2	2	1,022	831	725	725	180,880	180,880	51,888	51,888	131,811	131,811
Korea	35	46	26	40	37	1,022	831	725	725	5,961	5,961	8,961	8,961	6,800	6,800
Java and Madura						1,022	831	725	725	36,778	57,304	23,985	33,936	39,459	39,459
Estate	70	69				1,022	831	725	725	72,010	67,672				
Native	375	349				1,022	831	725	725	140,296	140,296				

Sumatra Estate.....	35	631	176	32	51	3	891	988	542	420	889	31,246	20,715	17,240	21,298	2,646
Philippine Islands.....	170	625	607	607	607	93	607	688	17,179	---	---	84,542	74,811	---	---	36,964
South America.....	27	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Brazil.....	37	34	68	371	74	---	801	928	944	797	---	32,080	31,558	64,327	59,216	---
Chile.....	264	237	360	5	6	---	816	851	727	604	---	215,810	202,703	261,371	224,364	265,000
Colombia.....	7	---	---	---	---	8	1,742	1,846	1,778	1,988	1,654	18,673	16,618	9,766	11,680	12,701
Paraguay.....	20	637	41	---	---	---	1,000	803	879	---	---	30,969	29,706	35,785	41,006	---
Uruguay.....	23	22	19	22	22	---	1,338	801	1,292	1,274	---	30,969	17,792	24,989	27,575	24,251
Uruguay.....	2	2	2	2	2	---	861	825	1,437	1,081	---	1,354	1,254	2,549	1,966	---
Africa.....	54	56	18	---	---	---	742	691	517	---	597	40,394	38,607	9,318	37,478	31,326
Algeria.....	42	57	---	---	---	---	343	280	---	---	---	14,354	16,311	20,000	20,000	22,550
Angola.....	23	69	7	5	---	---	517	426	575	534	---	14,354	16,311	20,000	20,000	22,550
Northern Rhodesia.....	3	---	---	---	---	---	517	426	575	534	---	14,354	16,311	20,000	20,000	22,550
Southern Rhodesia.....	32	51	86	104	124	---	539	507	548	612	640	17,236	26,061	47,219	63,639	79,130
Tunisia.....	1	---	---	---	---	---	1,041	1,196	---	---	---	1,296	1,202	---	---	---
Union of South Africa.....	28	41	---	---	---	---	540	500	---	---	---	15,473	20,476	32,594	36,411	50,521
Oceania.....	14	10	4	4	4	4	442	532	631	891	528	6,087	5,276	2,504	4,002	2,192
Australia.....	2	2	3	3	3	4	777	787	1,198	1,227	1,184	1,234	1,457	4,080	4,073	5,110
New Zealand.....	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Estimated world total <sup>10</sup> .....	6,990	7,492	7,000	7,934	8,092	---	---	---	---	---	---	5,875,000	6,597,000	6,200,000	7,064,000	7,341,000

<sup>1</sup> Year beginning July 1. For north temperate-zone countries, harvests are for July through October of the year shown; for all other countries, harvests November and December of the year shown and January through June of the following year. In similar tables prepared in recent years, data for Northern Hemisphere countries below the temperate zone have been harvests of the year shown, rather than harvests following the July-October harvest in north temperate-zone countries.

<sup>2</sup> Some yields are calculated from detailed acreage and production estimates, rather than estimates rounded to the nearest thousand.

<sup>3</sup> Preliminary.

<sup>4</sup> Exports; production data are not available.

<sup>5</sup> Data for 1930-34 and 1935-39 not comparable with subsequent years. Data for 1945, 1946, 1947 are for postwar areas.

<sup>6</sup> Less than a 5-year average.

<sup>7</sup> Free China for 1930-34 and 1935-39; all China except Manchuria for 1945, 1946 and 1947.

<sup>8</sup> Estimate based upon officially reported area and yield of approximately 402 pounds per acre, which was used by the Netherlands East Indies Government in estimating native production after 1934.

<sup>9</sup> Approximated.

<sup>10</sup> Total includes approximations for countries not listed and for countries listed where data are not available.

Office of Foreign Agricultural Relations. Based on official estimates of foreign countries, reports from United States foreign service officers, results of office research, and other information.

TABLE 157.—*Tobacco: Acreage, yield per acre, production, stocks, supply, total disappearance, exports, domestic use, and average price to growers, United States, 1943-47 (farm-sales-weight basis)*

## TOTAL FLUE-CURED, TYPES 11-14

Crop year	Acreage	Yield per acre	Production	Stocks <sup>1</sup>	Supply	Disappearance			Average price to growers
						Total	Exports <sup>2</sup>	Domestic	
	<i>Ares</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Cents</i>
1943.....	842,800	938	790,162	1,378,773	2,168,935	980,110	355,286	624,824	40.2
1944.....	1,017,300	1,069	1,087,290	1,188,825	2,275,115	1,149,832	454,276	695,556	42.4
1945.....	1,078,700	1,088	1,173,459	1,126,283	2,299,742	1,152,384	486,619	665,765	43.6
1946.....	1,188,800	1,137	1,352,024	1,147,358	2,499,382	1,212,542	550,634	661,908	48.3
1947 <sup>3</sup> .....	1,161,200	1,135	1,317,466	1,286,840	2,604,306	1,054,117	359,099	695,018	41.2

## TOTAL FIRE-CURED, TYPES 21-24

1943.....	68,800	943	64,863	179,823	244,686	71,165	17,757	53,408	23.4
1944.....	64,700	1,022	66,139	173,521	239,060	107,820	63,948	43,872	24.5
1945.....	61,300	951	58,291	131,840	190,131	85,223	47,619	37,604	31.5
1946.....	91,600	1,189	108,920	104,908	213,828	70,423	34,352	36,071	26.0
1947 <sup>3</sup> .....	83,800	1,024	85,850	143,405	229,255	66,685	30,292	36,393	29.5

## VIRGINIA FIRE-CURED, TYPE 21

1943.....	12,200	800	9,760	31,830	41,590	12,299	7,033	5,266	27.6
1944.....	14,900	950	14,155	29,291	43,446	19,415	7,885	11,530	24.5
1945.....	14,000	840	11,760	24,031	35,791	18,209	8,629	9,580	31.5
1946.....	15,600	1,100	17,160	17,582	34,742	12,013	8,630	3,383	28.8
1947 <sup>3</sup> .....	14,300	975	13,942	22,729	36,671	14,499	9,689	4,810	29.0

## KENTUCKY AND TENNESSEE FIRE-CURED, TYPES 22-24

1943.....	56,600	974	55,103	147,993	203,096	58,866	10,724	48,142	22.0
1944.....	49,800	1,044	51,984	144,230	196,214	58,405	55,963	32,442	23.6
1945.....	47,300	984	46,531	107,809	154,340	67,014	38,990	28,024	31.6
1946.....	76,000	1,169	91,760	87,326	179,086	58,410	25,722	32,688	25.4
1947 <sup>3</sup> .....	69,500	1,035	71,908	120,676	192,584	52,186	20,603	31,583	29.6

## BURLEY, TYPE 31

1943.....	399,300	982	392,106	685,994	1,078,100	426,872	8,568	418,304	45.6
1944.....	496,600	1,189	590,381	651,228	1,241,809	482,776	9,438	473,338	44.0
1945.....	512,300	1,127	577,156	759,033	1,336,189	482,904	35,273	447,631	39.4
1946.....	489,000	1,256	614,004	853,285	1,467,289	526,470	49,861	476,609	39.7
1947 <sup>3</sup> .....	413,500	1,171	484,324	940,819	1,425,143	522,864	27,513	495,351	48.5

## MARYLAND, TYPE 32

1943.....	35,300	590	20,827	43,818	64,645	27,043	1,768	25,275	45.3
1944.....	45,000	850	38,250	37,602	75,852	29,308	3,020	26,288	55.5
1945.....	35,000	525	18,375	46,544	64,919	32,537	6,666	25,871	57.0
1946.....	50,000	925	46,250	32,382	78,632	33,846	6,581	27,265	44.5
1947 <sup>3</sup> .....	48,000	800	38,400	44,786	83,186	.....	.....	.....	42.8

## TOTAL DARK AIR-CURED, TYPES 35-37

1943.....	30,900	972	30,047	65,281	95,328	37,612	3,167	34,445	27.2
1944.....	40,200	1,116	44,867	57,716	102,583	42,154	6,248	35,906	23.3
1945.....	44,100	988	43,560	60,429	103,989	43,544	13,057	30,487	25.2
1946.....	40,800	1,215	49,558	60,445	110,003	37,331	7,582	29,749	22.5
1947 <sup>3</sup> .....	35,400	1,054	37,300	72,672	109,972	32,786	6,375	26,411	25.8

## ONE SUCKER, TYPE 35

1943.....	16,700	1,019	17,016	34,422	51,438	22,931	2,552	20,379	24.8
1944.....	22,300	1,134	25,293	28,507	53,800	23,120	4,744	18,376	21.4
1945.....	26,700	1,001	26,720	30,680	57,400	24,558	9,473	15,085	24.7
1946.....	23,000	1,241	28,545	32,842	61,387	21,255	5,556	15,699	22.3
1947 <sup>3</sup> .....	19,300	1,088	20,990	40,132	61,122	19,541	5,259	14,282	25.7

See footnotes at end of table.

TABLE 157.—*Tobacco: Acreage, yield per acre, production, stocks, supply, total disappearance, exports, domestic use, and average price to growers, United States, 1943-47—Continued*  
(farm-sales-weight basis)

## GREEN RIVER, TYPE 36

Crop year	Acreage	Yield per acre	Pro-duction	Stocks <sup>1</sup>	Supply	Disappearance			Average price to growers
						Total	Exports <sup>2</sup>	Domestic	
	<i>Acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Cents</i>
1943.....	11,500	950	10,925	27,972	38,897	12,821	615	12,206	29.4
1944.....	15,000	1,100	16,500	26,076	42,576	16,202	1,504	14,698	24.7
1945.....	14,600	1,000	14,600	26,374	40,974	16,190	3,584	12,606	24.8
1946.....	14,000	1,220	17,080	24,784	41,864	13,229	2,026	11,203	22.6
1947 <sup>3</sup> .....	13,500	1,030	13,905	28,635	42,540	10,177	1,116	9,061	25.4

## VIRGINIA SUN-CURED, TYPE 37

1943.....	2,700	780	2,106	2,887	4,993	1,860	0	1,860	34.5
1944.....	2,900	1,060	3,074	3,133	6,207	2,832	0	2,832	31.5
1945.....	2,800	800	2,240	3,375	5,615	2,796	0	2,796	33.8
1946.....	3,800	1,035	3,933	2,819	6,752	2,847	0	2,847	24.2
1947 <sup>3</sup> .....	2,600	925	2,405	3,905	6,310	3,068	0	3,068	28.6

## TOTAL CONTINENTAL CIGAR FILLER, TYPES 41-44

1943.....	37,900	1,241	47,039	153,641	200,680	55,312	1,288	54,024	18.6
1944.....	39,400	1,493	58,838	145,368	204,206	61,308	1,727	59,581	19.5
1945.....	39,000	1,281	49,940	142,898	192,838	64,086	3,378	60,708	34.0
1946.....	42,800	1,504	64,376	128,752	193,128	70,941	2,799	68,142	32.8
1947 <sup>3</sup> .....	44,800	1,454	65,118	122,187	187,305	61,548	3,648	57,900	30.6

## PENNSYLVANIA SEEDLEAF FILLER, TYPE 41

1943.....	31,400	1,260	39,564	109,601	149,165	42,405	-----	-----	18.6
1944.....	33,500	1,560	52,260	106,760	159,020	50,287	-----	-----	19.7
1945.....	35,200	1,300	45,760	108,733	154,493	53,270	-----	-----	34.0
1946.....	37,800	1,560	58,188	101,223	159,411	60,940	-----	-----	32.5
1947 <sup>3</sup> .....	38,800	1,485	57,618	98,471	156,089	54,218	-----	-----	30.5

## MIAMI VALLEY (OHIO) FILLER, TYPES 42-44

1943.....	6,500	1,150	7,475	44,040	51,515	12,907	-----	-----	18.3
1944.....	5,900	1,115	6,578	38,608	45,186	11,021	-----	-----	18.3
1945.....	3,800	1,100	4,180	34,165	38,345	10,816	-----	-----	34.0
1946.....	5,500	1,125	6,188	27,529	33,717	10,001	-----	-----	36.0
1947 <sup>3</sup> .....	6,000	1,250	7,500	23,716	31,216	7,330	-----	-----	31.0

PUERTO RICAN FILLER, TYPE 46<sup>4</sup>

1943.....	36,362	784	28,500	41,291	69,791	16,021	-----	-----	38.0
1944.....	48,000	875	42,000	53,770	95,770	20,427	-----	-----	25.0
1945.....	36,000	889	32,000	75,343	107,343	29,045	-----	-----	36.0
1946 <sup>3</sup> .....	26,038	884	23,018	78,298	101,316	27,310	-----	-----	21.8
1947 <sup>3</sup> .....	30,000	880	26,400	74,006	100,406	-----	-----	-----	30.0

## TOTAL CIGAR BINDER, TYPES 51-56

1943.....	33,100	1,540	50,976	126,682	177,658	69,184	1,289	67,895	30.3
1944.....	37,000	1,547	57,234	108,474	165,708	63,410	1,728	61,682	30.9
1945.....	40,600	1,529	62,075	102,298	164,373	60,837	3,378	57,459	47.7
1946.....	47,600	1,551	73,813	103,536	177,349	53,659	2,798	50,861	52.7
1947 <sup>3</sup> .....	44,300	1,516	67,160	123,690	190,850	65,051	3,649	61,402	42.6

## CONNECTICUT VALLEY BROADLEAF, TYPE 51

1943.....	6,600	1,670	11,022	22,288	33,310	12,530	-----	-----	40.0
1944.....	7,800	1,670	13,024	20,780	33,804	10,293	-----	-----	39.0
1945.....	8,200	1,618	13,270	23,511	36,781	12,521	-----	-----	60.0
1946.....	9,400	1,700	15,978	24,260	40,238	11,647	-----	-----	74.0
1947 <sup>3</sup> .....	9,000	1,491	13,421	28,591	42,012	11,665	-----	-----	51.0

See footnotes at end of table.



TABLE 157.—*Tobacco: Acreage, yield per acre, production, stocks, supply, total disappearance, exports, domestic use, and average price to growers, United States, 1943-47—Continued*  
(farm-sales-weight basis)

## CONNECTICUT VALLEY HAVANA SEED, TYPE 52

Crop year	Acreage	Yield per acre	Pro- duction	Stocks <sup>1</sup>	Supply	Disappearance			Average price to growers
						Total	Exports <sup>2</sup>	Domestic	
	<i>Acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Cents</i>
1943.....	6,500	1,687	10,963	29,034	39,997	17,119	.....	.....	37.7
1944.....	6,700	1,750	11,724	22,878	34,602	15,806	.....	.....	37.3
1945.....	6,700	1,516	10,160	18,796	28,956	12,959	.....	.....	56.3
1946.....	7,600	1,710	12,999	15,997	28,996	12,503	.....	.....	69.0
1947 <sup>3</sup> .....	8,100	1,657	13,419	16,493	29,912	10,569	.....	.....	73.3

## NEW YORK AND PENNSYLVANIA HAVANA SEED, TYPE 53

1943.....	1,000	1,378	1,378	1,756	3,134	997	.....	.....	19.7
1944.....	1,100	1,403	1,546	2,137	3,683	444	.....	.....	22.0
1945.....	1,100	1,386	1,325	3,239	4,764	2,722	.....	.....	36.0
1946.....	1,400	1,440	2,016	2,042	4,058	1,317	.....	.....	39.9
1947 <sup>3</sup> .....	1,400	1,414	1,980	2,741	4,721	2,213	.....	.....	28.3

## SOUTHERN WISCONSIN, TYPE 54

1943.....	9,000	1,420	12,780	36,123	48,903	16,740	.....	.....	22.5
1944.....	10,400	1,440	14,976	32,163	47,139	19,640	.....	.....	24.0
1945.....	12,100	1,540	18,634	27,499	46,133	13,463	.....	.....	37.7
1946.....	14,300	1,450	20,735	32,670	53,405	15,470	.....	.....	34.7
1947 <sup>3</sup> .....	11,000	1,500	16,500	37,935	54,435	17,221	.....	.....	22.3

## NORTHERN WISCONSIN, TYPE 55

1943.....	9,700	1,504	14,584	36,333	50,917	21,050	.....	.....	25.5
1944.....	10,800	1,467	15,844	29,867	45,711	16,758	.....	.....	26.8
1945.....	12,300	1,488	18,300	28,953	47,253	18,847	.....	.....	45.4
1946.....	14,700	1,488	21,875	28,406	50,281	12,651	.....	.....	45.5
1947 <sup>3</sup> .....	14,500	1,492	21,630	37,630	59,260	23,085	.....	.....	35.0

## GEORGIA-FLORIDA SUN-GROWN, TYPE 56

1943.....	300	830	249	1,148	1,397	748	.....	.....	22.0
1944.....	200	600	120	649	769	469	.....	.....	27.0
1945.....	200	950	186	300	486	325	.....	.....	33.0
1946.....	200	1,050	210	161	371	71	.....	.....	55.0
1947 <sup>3</sup> .....	300	700	210	300	510	298	.....	.....	47.0

## TOTAL CIGAR WRAPPER, TYPES 61-62

1943.....	9,600	1,044	10,020	13,037	23,057	8,744	.....	8,744	168.0
1944.....	10,500	1,075	11,290	14,313	25,603	10,915	.....	10,915	196.0
1945.....	11,200	1,001	11,214	14,688	25,902	12,279	.....	12,279	197.0
1946.....	12,500	1,000	12,501	13,623	26,124	12,751	.....	12,751	234.0
1947 <sup>3</sup> .....	13,800	994	13,714	13,373	27,087	12,556	.....	12,556	289.0

## CONNECTICUT VALLEY SHADE-GROWN, TYPE 61

1943.....	6,300	1,094	6,324	8,351	14,675	5,900	.....	5,900	185.0
1944.....	7,300	1,060	7,735	8,775	16,510	6,360	.....	6,360	220.0
1945.....	8,100	935	7,572	10,150	17,722	7,600	.....	7,600	220.0
1946.....	8,800	1,003	8,824	10,122	18,946	8,818	.....	8,818	240.0
1947 <sup>3</sup> .....	9,500	975	9,262	10,128	19,390	8,682	.....	8,682	310.0

## GEORGIA-FLORIDA SHADE-GROWN, TYPE 62

1943.....	3,300	1,120	3,696	4,686	8,382	2,844	.....	2,844	138.0
1944.....	3,200	1,111	3,555	5,538	9,093	4,555	.....	4,555	144.0
1945.....	3,100	1,175	3,642	4,538	8,180	4,679	.....	4,679	150.0
1946.....	3,700	994	3,677	3,501	7,178	3,933	.....	3,933	220.0
1947 <sup>3</sup> .....	4,300	1,035	4,452	3,245	7,697	3,574	.....	3,574	245.0

<sup>1</sup> July 1 for flue-cured types 11-14 and cigar types 56, 61 and 62; Jan. 1 of following year for Maryland; Oct. 1 for all other types.

<sup>2</sup> Farm-sales weight of exports is subject to revision. Exports by rehandling trade included in totals of types from which they are made, while cigar leaf exports are assumed to be half filler and half binder.

<sup>3</sup> Preliminary.

<sup>4</sup> Puerto Rican crop year July-June (crop planted in the fall and harvested the following spring).

Bureau of Agricultural Economics and Production and Marketing Administration. Basic export data from the official reports of the Department of Commerce. Data for Puerto Rico from "Basic Statistics on Puerto Rico," Office of Puerto Rico.

TABLE 158.—Tobacco: Stocks (farm-sales weight) owned by dealers and manufacturers in the United States, 1944-48<sup>1</sup>

Type and year	Jan. 1	Apr. 1	July 1	Oct. 1	Type and year	Jan. 1	Apr. 1	July 1	Oct. 1
Flue-cured, types 11-14:	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	Ohio (Miami Valley), types 42-44:	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1944.....	1,665,224	1,409,539	1,188,825	1,388,481	1944.....	39,527	44,940	42,021	38,608
1945.....	1,718,852	1,428,136	1,126,283	1,452,650	1945.....	35,000	38,565	36,388	34,165
1946.....	1,764,302	1,487,120	1,147,558	1,495,211	1946.....	30,783	33,882	30,526	27,529
1947.....	1,729,701	1,541,543	1,286,840	1,639,636	1947.....	25,319	27,119	25,765	23,716
1948.....	1,973,218	1,804,336	1,550,189	1,639,636	1948.....	22,645	28,606	26,014	-----
Virginia fire-cured, type 21:					Puerto Rican, type 46:				
1944.....	30,379	35,203	31,906	29,291	1944.....	36,029	44,521	62,738	53,770
1945.....	27,435	32,895	28,148	24,031	1945.....	44,633	60,978	85,799	75,343
1946.....	22,980	25,838	21,186	17,582	1946.....	68,098	67,050	85,843	78,298
1947.....	17,471	28,158	25,762	22,729	1947.....	70,596	76,420	81,267	74,006
1948.....	20,965	29,983	27,608	-----	1948.....	65,557	67,622	73,198	-----
Kentucky and Tennessee fire-cured, type 22:					Connecticut Valley Broadleaf, type 51:				
1944.....	102,828	121,983	116,416	105,946	1944.....	21,988	25,391	24,401	20,780
1945.....	100,036	113,951	102,546	81,982	1945.....	23,435	28,698	25,898	23,511
1946.....	71,365	86,557	78,737	68,077	1946.....	28,079	31,092	26,547	24,260
1947.....	55,971	96,008	96,762	86,317	1947.....	27,514	32,069	31,571	28,591
1948.....	78,014	116,422	107,648	-----	1948.....	27,582	34,616	33,597	-----
Kentucky and Tennessee fire-cured, type 23:					Connecticut Valley Havana seed, type 52:				
1944.....	36,061	43,928	40,369	38,138	1944.....	31,078	31,711	28,891	22,878
1945.....	36,253	44,818	35,854	25,717	1945.....	27,086	25,027	22,451	18,796
1946.....	20,311	29,117	24,065	19,155	1946.....	24,836	22,383	19,857	15,997
1947.....	16,520	37,984	38,343	34,192	1947.....	21,376	23,106	19,775	16,403
1948.....	31,802	48,700	45,890	-----	1948.....	24,534	24,350	21,679	-----
Henderson fire-cured, type 24:					New York and Pennsylvania Havana seed, type 53:				
1944.....	154	186	198	146	1944.....	1,802	2,634	2,516	2,137
1945.....	137	106	93	110	1945.....	2,853	3,570	3,404	3,239
1946.....	91	75	86	94	1946.....	2,963	3,105	2,413	2,042
1947.....	123	164	169	167	1947.....	1,145	3,095	2,862	2,741
1948.....	207	280	313	-----	1948.....	2,545	2,193	3,155	-----
Burley, type 31:					Southern Wisconsin, type 54:				
1944.....	729,479	870,388	762,857	651,228	1944.....	31,719	40,749	36,390	32,163
1945.....	679,952	984,511	880,608	759,033	1945.....	27,090	35,136	31,393	27,499
1946.....	857,064	1,100,207	982,892	853,285	1946.....	26,996	41,951	37,057	32,670
1947.....	920,698	1,206,320	1,090,898	940,819	1947.....	27,885	35,046	40,531	37,935
1948.....	1,096,779	1,174,111	1,045,651	-----	1948.....	35,392	46,784	42,158	-----
Maryland, type 32:					Northern Wisconsin, type 55:				
1944.....	43,818	37,471	30,466	45,243	1944.....	30,030	40,698	35,474	29,867
1945.....	37,602	29,574	44,197	52,227	1945.....	26,091	39,660	34,056	28,953
1946.....	46,544	39,153	37,722	40,292	1946.....	25,801	37,820	32,022	28,406
1947.....	32,382	25,811	35,070	52,539	1947.....	23,651	40,446	41,179	37,630
1948.....	44,786	37,427	47,199	-----	1948.....	34,220	43,273	41,053	-----
One Sucker, type 35:					Georgia and Florida sun-grown, type 56:				
1944.....	30,298	38,220	32,439	28,507	1944.....	1,023	491	649	761
1945.....	30,609	44,024	35,560	30,680	1945.....	598	443	300	403
1946.....	30,322	44,397	41,027	32,842	1946.....	306	186	161	324
1947.....	36,948	52,286	46,017	40,132	1947.....	295	360	300	435
1948.....	43,248	50,505	46,216	-----	1948.....	229	314	212	-----
Green River, type 36:					Connecticut shade-grown, type 61:				
1944.....	25,666	30,694	28,406	26,076	1944.....	11,988	10,316	8,775	8,702
1945.....	26,990	34,836	29,305	26,374	1945.....	14,101	12,943	10,160	10,640
1946.....	26,317	32,316	27,405	24,784	1946.....	14,543	12,545	10,122	10,410
1947.....	29,601	33,726	31,322	28,635	1947.....	14,884	12,294	10,128	11,957
1948.....	31,928	36,387	34,501	-----	1948.....	16,932	13,603	10,678	-----
Virginia sun-cured, type 37:					Georgia and Florida shade-grown, type 62:				
1944.....	3,409	5,075	3,445	3,133	1944.....	7,357	6,578	5,538	6,986
1945.....	3,313	4,740	4,125	3,375	1945.....	6,752	5,918	4,538	7,147
1946.....	3,382	4,337	3,570	2,819	1946.....	6,807	5,438	3,801	6,335
1947.....	2,635	4,945	4,679	3,905	1947.....	5,542	4,253	3,245	6,361
1948.....	3,467	4,372	3,931	-----	1948.....	6,031	4,681	3,804	-----
Pennsylvania Seed-leaf, type 41:									
1944.....	97,814	122,343	112,951	106,760					
1945.....	90,602	126,845	117,876	108,733					
1946.....	94,674	121,491	117,720	101,223					
1947.....	84,971	118,137	113,772	98,471					
1948.....	82,640	85,968	119,943	-----					

See footnotes at end of table.

TABLE 158.—*Tobacco: Stocks (farm-sales weight) owned by dealers and manufacturers in the United States, 1944-48*<sup>1</sup>—Continued

Type and year	Jan. 1	Apr. 1	July 1	Oct. 1	Type and year	Jan. 1	Apr. 1	July 1	Oct. 1
Perique, type 72:	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	Cuban, type 81: <sup>2</sup>	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1944.....	918	803	728	796	1944.....	20,940	22,741	22,305	20,393
1945.....	796	824	615	542	1945.....	25,688	23,865	23,377	24,062
1946.....	821	857	785	796	1946.....	28,760	25,899	24,182	24,673
1947.....	838	776	681	664	1947.....	34,822	35,958	34,090	30,889
1948.....	730	803	712	.....	1948.....	30,744	28,027	26,494	.....

<sup>1</sup> Stocks as here shown have been converted to a farm-sales-weight basis—the equivalent of weight at the time of sale by growers—thereby making these figures of leaf-tobacco stocks comparable with figures of leaf-tobacco production.

<sup>2</sup> Stocks on the Island of Puerto Rico are included.

<sup>3</sup> Stocks of Cuban tobacco, type 81, are not converted to farm-sales weight but are shown on an unstemmed weight basis. Stemmed stocks reported have been converted to an unstemmed equivalent. A factor for converting to farm-sales weight has not been determined.

Production and Marketing Administration. Data for 1939-43 in Agricultural Statistics, 1946, table 155.

TABLE 159.—*Tobacco: Leaf used in the manufacture of cigars, cigarettes, and tobacco and snuff, United States, 1939-47*<sup>1</sup>

Year	In cigars		In cigarettes		In tobacco and snuff	Total
	Large <sup>2</sup>	Small	Large	Small		
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds		
1938.....	118,162	590	14	483,826	262,710	865,302
1939.....	122,072	609	25	509,108	255,485	885,299
1940.....	125,309	526	14	535,204	260,663	922,716
1941.....	135,494	572	10	626,832	246,177	1,009,085
1942.....	140,154	525	15	754,535	235,836	1,131,065
1943.....	131,402	494	42	860,416	236,349	1,228,703
1944.....	129,399	483	273	920,145	204,241	1,254,541
1945.....	128,012	378	784	943,502	218,500	1,291,176
1946.....	137,166	373	9	1,000,929	168,190	1,306,667
1947 <sup>3</sup> .....	128,000	330	5	1,088,772	161,500	1,348,606

<sup>1</sup> The quantities given are unstemmed equivalent of all kinds of tobacco used. Stemmed leaf and scrap, etc., used in manufacturing have been converted to unstemmed equivalent at the ratio of 3 pounds stemmed to 4 pounds unstemmed.

<sup>2</sup> Does not include tobacco used in bonded manufacturing warehouses.

<sup>3</sup> Preliminary.

Production and Marketing Administration. Compiled from annual reports of the Commissioner of Internal Revenue, Treasury Department. Data for 1947 are estimates of the Production and Marketing Administration.

TABLE 160.—*Tobacco products: Average wholesale price, United States, 1938-47*<sup>1</sup>

Year	Cigarettes, per 1,000 <sup>2</sup>	Cigars per 1,000 <sup>3</sup>		Plug tobacco, per pound <sup>4</sup>	Smoking tobacco, per dozen <sup>5</sup>	Snuff per half-gross <sup>6</sup>
		Popular brands	Medium-priced brands			
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
1938.....	5.513	34.321	64.606	0.642	1.306	4.502
1939.....	5.513	34.321	64.606	.642	1.306	4.502
1940.....	5.638	34.321	64.606	.642	1.297	4.502
1941.....	5.760	34.321	64.606	.642	1.284	4.589
1942.....	5.802	34.422	66.919	.642	1.297	4.768
1943.....	6.006	41.709	73.405	.642	1.261	4.768
1944.....	6.006	42.178	74.517	.656	1.261	4.768
1945.....	6.006	48.245	82.626	.770	1.285	4.768
1946.....	6.234	55.206	85.521	.782	1.362	5.048
1947.....	6.509	60.964	89.177	.834	1.441	5.715

<sup>1</sup> Simple average of weekly prices, usually the Tuesday quotation. All prices include the internal-revenue tax.

<sup>2</sup> Composite price of three price series, f.o.b. destination.

<sup>3</sup> Composite price, f.o.b. destination.

<sup>4</sup> New York.

<sup>5</sup> 2-ounce package, destination.

<sup>6</sup> Dry, sweet, 1½-ounce, list price, destination.

Bureau of Agricultural Economics. Compiled from official records of the Bureau of Labor Statistics, Department of Labor.

## TOBACCO PRODUCTS AND TRADE

133

TABLE 161.—*Tobacco products: Cigars, cigarettes, chewing, smoking, and snuff, manufactured in the United States, 1938-47*

Year	Cigars <sup>1</sup>		Cigarettes		Chewing				Smoking	Snuff	Total chewing, smoking, and snuff
	Weighing more than 3 pounds per 1,000	Weighing not more than 3 pounds per 1,000	Weighing more than 3 pounds per 1,000	Weighing not more than 3 pounds per 1,000	Plug	Twist	Fine-cut	Scrap			
	Thousands	Thousands	Thousands	Thousands	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1938.....	5,014,758	152,990	2,638	171,686,383	54,495	5,659	4,572	42,776	200,694	37,173	345,369
1939.....	5,197,627	156,940	4,369	180,666,824	51,263	5,733	4,701	41,351	202,289	37,970	343,307
1940.....	5,235,271	134,738	2,249	189,371,258	48,759	5,605	4,176	42,910	205,101	37,872	344,423
1941.....	5,610,176	146,711	1,790	217,934,925	50,230	5,614	5,069	44,209	197,689	39,616	342,427
1942.....	5,840,805	123,150	2,503	257,520,863	54,300	6,024	5,084	48,346	175,556	41,003	330,413
1943.....	5,363,027	125,490	6,111	296,173,333	58,945	6,257	4,460	51,414	162,834	43,179	327,089
1944.....	5,198,679	123,340	26,870	323,583,888	61,655	6,498	4,092	52,867	139,861	41,962	306,935
1945.....	5,274,675	98,167	82,416	332,164,670	59,704	6,723	3,970	47,748	168,523	43,834	330,502
1946.....	5,617,700	92,262	1,658	350,038,093	51,810	5,773	3,756	46,117	106,414	39,361	253,231
1947 <sup>2</sup> .....	5,280,000	80,000	800	370,200,000	47,359	5,152	3,724	42,224	104,578	39,187	242,224

<sup>1</sup> Cigars produced in and removed for domestic consumption from bonded manufacturing warehouses are not included.

<sup>2</sup> Preliminary.

Production and Marketing Administration. Compiled from annual and monthly reports of the Commissioner of Internal Revenue, Treasury Department, except cigars and cigarettes for 1947, which are estimates of the Production and Marketing Administration.

TABLE 162.—*Tobacco, unmanufactured: International trade, average 1935-39, annual 1946 and 1947*

Continent and country	Average 1935-39		1946 <sup>1</sup>		1947 <sup>1</sup>	
	Exports	Imports	Exports	Imports	Exports	Imports
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
<b>North America:</b>						
Canada.....	15,294	4,255	12,591	1,746	24,496	1,610
Costa Rica.....		40		41		95
El Salvador.....	23	495		2,302		2,096
Guatemala.....		68		303		296
Honduras.....	1,894		3,371	34	3,737	60
Mexico.....	215	210	938	1,990	649	1,883
Newfoundland and Labrador.....		62		850		1,166
Nicaragua.....		175		506		453
United States.....	420,797	71,274	663,162	82,009	507,165	90,386
Cuba.....	27,712		46,745		26,834	
Dominican Republic.....	13,652		62,534	158	32,985	381
Puerto Rico.....	22,484	1,902	25,087	1,035	15,093	564
<b>Total.....</b>	<b>502,071</b>	<b>78,524</b>	<b>814,428</b>	<b>90,974</b>	<b>610,959</b>	<b>98,990</b>
<b>Europe:</b>						
Austria.....	1,424	16,954	0	5,000	0	6,264
Belgium and Luxemburg.....	413	40,695	2	35,328	52	39,694
Bulgaria.....	59,396		40,745		72,007	
Czechoslovakia.....		20,768		11,823		46,066
Denmark.....	490	20,206		28,086	11	18,932
Eire.....	394	12,292	264	15,560	339	14,417
Finland.....		7,754		4,317		6,823
France.....	686	61,576	287	81,985	116	68,486
Germany.....	19	204,644		500		3,000
Greece.....	97,657					
Hungary.....	19,162	3,106	28,364		38,732	851
Italy.....	12,927	5,253	468	819	2,955	29,826
Netherlands.....	3,249	67,349	1,243	24,024	425	76,228
Norway.....		6,602		9,572		9,113
Poland and Danzig.....	149	18,404		4,678		8,311
Portugal.....		6,381		9,761		9,277
Sweden.....	153	14,829	1,310	11,688		19,859
Switzerland.....		15,795	44	19,332	0	22,254
United Kingdom.....	5,996	258,486	6,591	432,708	677	295,658
<b>Total.....</b>	<b>202,115</b>	<b>781,114</b>	<b>79,318</b>	<b>606,010</b>	<b>115,991</b>	<b>675,079</b>

See footnotes at end of table.

TABLE 162.—*Tobacco, unmanufactured: International trade, average 1935-39, annual 1946 and 1947—Continued*

Continent and country	Average 1935-39		1946 <sup>1</sup>		1947 <sup>1</sup>	
	Exports	Imports	Exports	Imports	Exports	Imports
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
<b>Asia:</b>						
Palestine.....	(7)	271	535	1,472	<sup>2</sup> 1,444	<sup>3</sup> 1,384
Syria and Lebanon.....	2,762	112	5,094	-----	5,469	254
Turkey.....	78,054	152	62,911	-----	93,239	-----
Ceylon.....	2,086	1,200	1,148	2,935	1,123	2,119
China.....	30,994	56,613	2,047	27,132	1,155	41,475
French Indochina.....	<sup>4</sup> 216	2,718	-----	325	-----	6,863
Hong Kong.....	(7)	10,450	670	9,808	387	10,437
India.....	43,500	4,791	<sup>5</sup> 75,000	<sup>5</sup> 10,045	<sup>5</sup> 40,000	<sup>5</sup> 13,000
Netherlands Indies.....	101,176	2,765	1,715	<sup>2</sup> 416	4,885	<sup>3</sup> 3,189
Philippine Islands.....	37,357	1,075	3,614	120	10,254	101
Siam.....	13	3,405	-----	1,325	-----	3,307
<b>Total.....</b>	<b>296,158</b>	<b>83,552</b>	<b>152,734</b>	<b>53,578</b>	<b>157,956</b>	<b>82,129</b>
<b>South America:</b>						
Argentina.....	180	16,878	10,076	19,296	<sup>2</sup> 3,466	17,507
Brazil.....	71,955	772	116,586	664	87,082	<sup>2</sup> 692
British Guiana.....	-----	<sup>4</sup> 393	-----	596	-----	780
Chile.....	-----	172	-----	1,594	-----	957
Colombia.....	6,472	<sup>4</sup> 138	6,853	392	<sup>2</sup> 12,127	<sup>2</sup> 352
Paraguay.....	7,747	202	14,650	193	7,738	<sup>4</sup> 200
Peru.....	-----	212	-----	483	-----	569
Surinam.....	(7)	(7)	-----	958	-----	121
Uruguay.....	-----	3,051	-----	8,158	-----	4,150
<b>Total.....</b>	<b>86,354</b>	<b>21,818</b>	<b>148,165</b>	<b>32,334</b>	<b>110,413</b>	<b>25,328</b>
<b>Africa:</b>						
Algeria.....	24,979	7,482	1,735	6,726	20,507	7,671
Nyasaland.....	12,810	-----	17,732	10	20,008	-----
Egypt.....	-----	13,014	-----	26,823	-----	28,435
Madagascar.....	5,262	17	2,351	373	3,115	357
Southern Rhodesia.....	19,166	327	41,634	1,841	46,657	1,065
Tunisia.....	-----	<sup>4</sup> 2,843	91	4,457	-----	5,114
<b>Total.....</b>	<b>62,217</b>	<b>23,683</b>	<b>63,543</b>	<b>40,230</b>	<b>90,287</b>	<b>42,642</b>
<b>Oceania:</b>						
Australia.....	114	21,537	2	22,164	-----	21,333
New Zealand.....	113	3,027	-----	6,806	-----	4,651
<b>Total.....</b>	<b>227</b>	<b>24,564</b>	<b>2</b>	<b>28,970</b>	-----	<b>25,984</b>
<b>Total of data shown.....</b>	<b>1,140,142</b>	<b>1,013,255</b>	<b>1,258,190</b>	<b>942,096</b>	<b>1,085,606</b>	<b>950,152</b>

<sup>1</sup> Preliminary.<sup>2</sup> Estimated on basis of data available for 5 months or more of the year.<sup>3</sup> Trade with the United States.<sup>4</sup> Less than a 5-year average.<sup>5</sup> Approximated from unofficial information.<sup>6</sup> Re-exports.<sup>7</sup> Not available.

Office of Foreign Agricultural Relations. Prepared or estimated from official statistics of foreign governments, reports of United States foreign service officers, and other information.

## CHAPTER III

### STATISTICS OF OILSEEDS, FATS, AND OILS

The statistics in this chapter include data on cottonseed, flaxseed, olive oil, peanuts, soybeans, tung nuts, oleomargarine, and fats and oils. A table on cottonseed-oil futures is new this year.

Some data on fats, oils, and oilseeds produced abroad are in the chapter on foreign trade. Butter statistics in general are included with other dairy products. Lard statistics are mostly in the chapter on livestock.

TABLE 163.—*Cottonseed: Yield per acre, production, farm disposition, season average price per ton received by farmers, and value, United States, 1929-47*

Year	Acreage of cotton harvested	Cottonseed								Price	Farm value
		Yield of seed per acre	Pro-duction	Left on farms	Delivered to oil mills		Price	Farm value			
					Sold to oil mills	Ex-changed for meal					
	1,000 acres	Pounds	1,000 tons	1,000 tons	1,000 tons	1,000 tons	Dollars	1,000 dollars			
1929	43,232	296	6,406	1,384	4,692	330	30.93	198,164			
1930	42,444	284	6,028	1,333	4,278	417	22.07	133,054			
1931	38,704	378	7,310	1,690	4,795	825	8.98	65,678			
1932	35,891	324	5,815	1,272	3,998	545	10.35	60,202			
1933	29,383	375	5,511	1,352	3,796	363	12.91	71,166			
1934	26,866	317	4,256	838	3,211	207	33.03	140,574			
1935	27,509	337	4,634	884	3,450	300	30.54	141,527			
1936	29,755	368	5,472	953	4,215	304	33.30	182,230			
1937	33,623	467	7,844	1,223	5,963	658	19.50	152,974			
1938	24,248	408	4,950	690	3,815	445	21.79	107,874			
1939	23,805	409	4,869	799	3,637	433	21.14	102,933			
1940	23,861	443	5,286	706	3,908	492	21.72	114,817			
1941	22,236	410	4,553	593	3,748	212	47.65	216,961			
1942	22,602	460	5,202	686	4,151	365	45.60	237,221			
1943	21,610	434	4,688	704	3,553	431	52.10	244,059			
1944	19,651	499	4,902	540	4,064	298	52.70	258,163			
1945	17,059	430	3,664	502	2,844	318	51.10	187,155			
1946	17,615	399	3,513	444	2,854	215	71.90	252,674			
1947 <sup>1</sup>	21,269	440	4,681	606	3,934	141	85.90	402,015			

<sup>1</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1909-28 in Agricultural Statistics, 1942, table 212.

TABLE 164.—*Cottonseed: Production and season average price per ton received by farmers, average 1936-45, and farm disposition, by States, annual 1946 and 1947*

State	Production			Left on farms		Delivered to oil mills				Price for crop of—		
	Average 1936-45	1946	1947 <sup>1</sup>	1946	1947 <sup>1</sup>	Sold to oil mills		Exchanged for meal		Average 1936-45	1946	1947 <sup>1</sup>
						1946	1947 <sup>1</sup>	1946	1947 <sup>1</sup>			
	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	Dollars	Dollars	Dollars
Missouri	159	132	132	7	12	125	120	0	0	34.40	70.30	83.80
Virginia	11	7	7	1	1	6	5	1	1	36.40	76.30	82.80
North Carolina	245	177	177	17	22	128	143	52	12	36.40	71.70	80.40
South Carolina	311	281	253	36	38	208	196	37	19	36.80	67.00	80.40
Georgia	377	223	253	28	23	160	212	35	18	36.80	67.50	82.20
Florida	9	2	4	0	0	2	4	0	0	33.00	53.80	72.90
Tennessee	208	205	197	20	22	176	168	9	7	36.70	74.30	88.30
Alabama	391	313	347	38	42	231	274	44	31	36.20	67.30	79.50
Mississippi	775	425	603	70	98	337	480	18	25	38.20	69.30	89.10
Arkansas	586	532	490	67	45	453	436	12	9	36.60	72.80	86.10
Louisiana	267	103	201	18	26	80	170	5	5	35.60	61.90	79.80
Oklahoma	242	109	137	14	22	89	113	6	2	34.90	81.10	87.50
Texas	1,247	694	1,417	99	207	580	1,198	15	12	36.50	73.30	86.00
New Mexico	46	56	71	5	3	51	618	0	0	38.30	77.00	94.10
Arizona	84	65	93	5	5	60	88	0	0	36.70	84.10	89.00
California	179	185	295	18	40	166	255	1	0	38.90	83.90	97.00
All other <sup>1</sup>	7	4	4	1	0	3	4	0	0	35.30	75.10	85.40
United States	5,143	3,513	4,681	444	606	2,854	3,934	215	141	36.70	71.90	85.90

<sup>1</sup> Preliminary.

<sup>2</sup> Illinois, Kansas, and Kentucky.

Bureau of Agricultural Economics. Quantities less than 500 tons shown as zero.

TABLE 165.—Cottonseed: Production in specified areas, averages 1930-34 and 1935-39, annual 1942-47

Continent and country	Year beginning Aug. 1—							
	Average		1942	1943	1944	1945	1946 <sup>1</sup>	1947 <sup>1</sup>
	1930-34	1935-39						
	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons
<b>North America:</b>								
El Salvador.....	( <sup>2</sup> )	2	7	9	8	5	10	10
Mexico.....	93	160	219	246	226	207	221	240
United States.....	5,784	5,554	5,202	4,688	4,902	3,664	3,513	4,744
Haiti.....	15	12	7	7	6	6	4	6
<b>Total<sup>3</sup>.....</b>	<b>5,895</b>	<b>5,735</b>	<b>5,440</b>	<b>4,955</b>	<b>5,150</b>	<b>3,890</b>	<b>3,750</b>	<b>5,005</b>
<b>Europe:</b>								
Bulgaria <sup>4</sup> .....	6	19	6	4	6	5	11	15
Greece.....	12	39	4	4	7	14	26	27
Italy.....	2	11	11	6	5	5	6	8
Rumania <sup>4</sup> .....	( <sup>2</sup> )	1	4	7	14	12	6	10
Spain.....	2	5	10	10	13	4	11	7
<b>Total(excluding U. S. S. R.)<sup>3</sup>.....</b>	<b>25</b>	<b>75</b>	<b>40</b>	<b>35</b>	<b>50</b>	<b>40</b>	<b>60</b>	<b>70</b>
<b>U. S. S. R. (Europe and Asia).....</b>	<b>843</b>	<b>1,640</b>				<b>815</b>	<b>1,075</b>	<b>1,250</b>
<b>Asia:</b>								
Iran.....	18	91	39	41	43	49	34	43
Syria.....	5	15	11	7	7	12	12	7
Turkey.....	57	126	134	93	114	128	138	139
Afghanistan.....		27	9	11		11	5	5
Burma.....	36	54	39	50	47	18	12	18
China (includes Manchuria).....	1,523	1,593	1,228	837	893	1,016	1,078	1,196
India and Pakistan <sup>5</sup> .....	2,192	2,591	2,196	2,456	1,672	1,969	1,951	1,904
Korea.....	74	91	98	104	116	52	38	33
Netherland Indies.....	3	5	5	4	6		1	1
Siam.....	2	4				9		
<b>Total (excluding U. S. S. R.)<sup>3</sup>.....</b>	<b>3,930</b>	<b>4,610</b>	<b>3,775</b>	<b>3,620</b>	<b>2,930</b>	<b>3,280</b>	<b>3,290</b>	<b>3,360</b>
<b>South America:</b>								
Argentina.....	97	147	253	281	169	145	170	187
Brazil.....	369	935	1,038	1,291	777	645	624	552
Colombia.....	7	12	11	14	16	11	12	11
Paraguay.....	10	20	20	37	29	22	28	15
Peru.....	159	204	139	165	173	175	160	158
Venezuela.....	6	6	9	9	9	7	6	8
<b>Total<sup>3</sup>.....</b>	<b>650</b>	<b>1,330</b>	<b>1,475</b>	<b>1,800</b>	<b>1,170</b>	<b>1,010</b>	<b>1,005</b>	<b>935</b>
<b>Africa and Oceania:</b>								
Anglo-Egyptian Sudan.....	85	132	146	93	167	103	125	113
Belgian Congo.....	36	87	101	72	85	92	88	88
Tanganyika.....	10	25	22	16	18	18	17	17
Uganda.....	105	143	48	81	116	97	98	70
Egypt.....	787	1,007	467	394	512	576	669	702
French Equatorial Africa and Cameroun.....	7	22	42	40	51	55	39	59
French West Africa and Togo.....	16	16		7	11	5	5	7
Mozambique.....	6	18	47	48	47	50	47	48
Nigeria and Cameroons.....	12	19	14	11	7	16	15	10
Angola.....	2	7	13	12	15	10	14	13
<b>Total<sup>3</sup>.....</b>	<b>1,085</b>	<b>1,500</b>	<b>930</b>	<b>795</b>	<b>1,045</b>	<b>1,035</b>	<b>1,130</b>	<b>1,135</b>
<b>World total.....</b>	<b>12,428</b>	<b>14,890</b>	<b>12,615</b>	<b>11,920</b>	<b>11,110</b>	<b>10,070</b>	<b>10,310</b>	<b>11,785</b>

<sup>1</sup> Preliminary.<sup>2</sup> Less than 500 tons.<sup>3</sup> Includes estimates for the above countries for which data are not available and for minor producing countries.<sup>4</sup> Figures for 1942 to date are not comparable with prewar figures because of boundary changes.<sup>5</sup> All figures except the 1930-34 average have been revised through the adoption of a series of lint cotton figures compiled by the Indian Central Cotton Committee.

Office of Foreign Agricultural Relations. United States figures were compiled from official records; figures for other countries were calculated from lint-production estimates.



TABLE 166.—*Cottonseed crushings and production of cottonseed products, United States, 1938-47*

Year beginning August—	Quantity crushed	Cottonseed products				Year beginning August—	Quantity crushed	Cottonseed products			
		Crude oil	Cake and meal	Linters	Hulls			Crude oil	Cake and meal	Linters	Hulls
	1,000 tons	Million pounds	1,000 tons	1,000 running bales	1,000 tons		1,000 tons	Million pounds	1,000 tons	1,000 running bales	1,000 tons
1938.....	4,471	1,409	2,023	1,113	1,161	1943.....	3,955	1,236	1,834	1,180	927
1939.....	4,151	1,325	1,882	1,072	1,055	1944.....	4,254	1,324	1,954	1,247	984
1940.....	4,398	1,425	1,954	1,208	1,107	1945.....	3,262	1,018	1,434	989	783
1941.....	4,008	1,250	1,753	1,183	992	1946.....	3,090	973	1,363	992	727
1942.....	4,408	1,401	1,995	1,354	1,085	1947 <sup>1</sup> .....	4,081	1,275	1,898	1,281	922

<sup>1</sup> Preliminary.

Bureau of Agricultural Economics. Compiled from annual reports of the Bureau of the Census.

TABLE 167.—*Cottonseed oil, meal, and hulls: Average price at specified markets, 1938-1947*

Year beginning August—	Oil, per pound		Meal, per ton <sup>3</sup>	Hulls, per ton <sup>4</sup>	Year beginning August—	Oil, per pound		Meal, per ton <sup>3</sup>	Hulls, per ton <sup>4</sup>
	Crude <sup>1</sup>	Refined <sup>2</sup>				Crude <sup>1</sup>	Refined <sup>2</sup>		
	Cents	Cents	Dollars	Dollars		Cents	Cents	Dollars	Dollars
1938.....	5.96	7.07	22.15	8.41	1943.....	12.75	14.05	48.54	12.00
1939.....	5.64	6.54	27.60	11.31	1944.....	12.75	14.31	48.50	13.00
1940.....	6.54	7.52	26.66	11.00	1945.....	12.75	14.58	55.06	13.17
1941.....	12.27	13.45	36.61	9.93	1946.....	24.78	<sup>5</sup> 28.47	74.55	15.90
1942.....	12.75	13.93	37.80	10.28	1947.....	26.25	<sup>5</sup> 27.75	86.80	15.61

<sup>1</sup> In tanks, f.o.b. southeastern mills.<sup>2</sup> Prime summer yellow, bleachable, tank-car deliveries, New York.<sup>3</sup> On basis of 41 percent protein, bagged, carlots, Memphis.<sup>4</sup> Bulk, carlots. Atlanta, through July 1944; southeast mills, August 1944-July 1947; Memphis, August 1947-July 1948.<sup>5</sup> Nearby futures.

Bureau of Agricultural Economics. Compiled from the Oil, Paint, and Drug Reporter; reports of the Bureau of Labor Statistics, and records of the Production and Marketing Administration. Data for earlier years in the 1930 Yearbook, table 149, and Agricultural Statistics, 1940, table 177.

TABLE 168.—*Cottonseed oil futures: Volume of trading and annual average of month-end open contracts on all contract markets, and highest and lowest price per pound on the New York Produce Exchange, 1938-47*

Year beginning August—	Volume of trading	Average open contracts	Price		Year beginning August—	Volume of trading	Average open contracts	Price	
			Highest	Lowest				Highest	Lowest
	Million pounds	Million pounds	Cents	Cents		Million pounds	Million pounds	Cents	Cents
1938.....	2,735.4	( <sup>1</sup> )	8.72	5.64	1943.....	6.3	1.0	14.45	12.75
1939.....	2,313.0	( <sup>1</sup> )	7.94	5.09	1944.....	12.7	2.1	14.31	12.65
1940.....	3,520.1	<sup>2</sup> 153.1	13.25	5.33	1945.....	7	<sup>3</sup> 0.4	14.31	14.20
1941.....	1,027.4	57.4	14.30	11.40	1946.....	102.2	<sup>4</sup> 13.3	41.25	16.25
1942.....	26.8	2.3	14.45	13.27	1947.....	1,576.6	55.5	43.00	15.60

<sup>1</sup> Not available prior to Mar. 17, 1941.<sup>2</sup> 5-month average.<sup>3</sup> 11-month average. Trading suspended July 10, 1946.<sup>4</sup> 10-month average. Trading resumed Oct. 17, 1946.

Commodity Exchange Authority. Trading and open contracts figures compiled from daily reports from exchange clearing members beginning Mar. 17, 1941; prior figures and prices compiled from records of the New York Produce Exchange.

TABLE 169.—*Flaxseed: Acreage, production, value, foreign trade, and net supply, United States, 1929-47*

Year	Acreage planted	Acreage harvested	Yield per harvested acre	Production	Season average price per bushel received by farmers	Farm value	Average price per bushel of No. 1 flaxseed at Minneapolis, year beginning August 1	Foreign trade, including linseed oil in terms of seed, year beginning July 1			Net supply
								Domestic exports	Imports	Net imports	
	1,000 acres	1,000 acres	Bushels	1,000 bushels	Dollars	1,000 dollars	Dollars	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1929		8,908	5.1	15,046							
1929	3,386	3,049	5.2	15,924	2.81	44,777	3.11	115	19,945	19,830	35,754
1930	4,481	3,780	5.7	21,673	1.61	34,950	1.76	70	7,827	7,757	29,430
1931	3,773	2,431	4.8	11,755	1.17	13,715	1.36	47	13,851	13,804	25,559
1932	2,720	1,988	5.8	11,511	.88	10,149	1.18	42	6,215	6,173	17,684
1933	1,837	1,341	5.1	6,904	1.63	11,230	1.87	38	* 18,479	18,441	25,345
1934		868	5.6	5,598							
1934	1,609	1,062	5.7	5,719	1.70	9,732	1.90	43	15,499	15,456	21,175
1935	2,419	2,126	7.0	14,914	1.42	21,181	1.73	55	15,451	15,396	30,310
1936	2,572	1,125	4.7	5,331	1.90	10,112	2.14	58	26,120	26,062	31,393
1937	1,330	927	7.6	7,070	1.87	13,196	2.07	43	17,873	17,830	24,900
1938	1,032	905	8.9	8,032	1.59	12,783	1.78	43	18,748	18,705	26,737
1939		8,081	9.0	18,889							
1939	2,339	2,171	9.0	19,606	1.46	28,692	1.65	239	13,215	12,974	32,586
1940	3,364	3,182	9.7	30,924	1.42	43,793	1.65	276	11,202	10,926	41,830
1941	3,462	3,266	9.8	32,133	* 1.79	57,482	2.11	2,213	23,273	21,060	53,193
1942	4,698	4,408	9.3	40,976	* 2.36	96,560	2.58	4,402	9,248	4,846	45,822
1943	6,182	5,691	8.8	50,009	* 2.83	141,554	3.05	15,339	21,244	5,905	55,914
1944		2,477	8.4	20,765							
1944	2,887	2,610	8.3	21,665	* 2.91	62,941	3.10	9,763	6,482	* 3,281	18,384
1945	3,953	3,785	9.1	34,557	2.89	99,912	3.14	238	8,356	8,118	42,675
1946	2,641	2,432	9.3	22,585	4.04	91,137	4.82	61	10,190	10,128	32,713
1947	4,157	4,026	9.9	39,763	6.10	242,545	6.38				

<sup>1</sup> Average of daily prices weighted by carlot sales, compiled from Minneapolis Daily Market Record.

<sup>2</sup> Compiled from Monthly Summary of Foreign Commerce of the United States, January and June, and official records of the Department of Commerce. Flaxseed, general imports 1929-32; imports for consumption beginning 1933. Linseed oil, general imports 1929-32; imports for consumption beginning 1933. No re-exports of seed or oil reported since December 1922. 1 bushel of flaxseed weighs 56 pounds; 1 bushel of seed yields approximately 2½ gallons of oil, and 1 gallon of oil weighs about 7½ pounds.

<sup>3</sup> Total imports minus exports. Beginning 1933 imports for consumption minus domestic exports.

<sup>4</sup> Beginning 1933, imports for consumption.

<sup>5</sup> Includes an allowance for unredeemed loans at average loan value.

<sup>6</sup> Net exports.

Preliminary.

Bureau of Agricultural Economics. Italic figures are census returns. Data for 1899-1928 in Agricultural Statistics, 1942, table 220.

TABLE 170.—*Flaxseed: Acreage, production, and season average price per bushel received by farmers, by States, average 1936-45, annual 1946 and 1947*

State	Acreage planted			Acreage harvested			Production <sup>1</sup>			Price for crop of—		
	Average			Average			Average			Average		
	1936-45	1946	1947 <sup>1</sup>	1936-45	1946	1947 <sup>1</sup>	1936-45	1946	1947 <sup>1</sup>	1936-45 <sup>(2)</sup>	1946	1947 <sup>1</sup>
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 bushels	1,000 bushels	1,000 bushels	Dollars	Dollars	Dollars
Ohio			3			3			24			5.95
Illinois	* 9	1	6	* 9	1	6	* 124	14	72	* 2.36	4.30	6.00
Michigan	8	7	5	8	7	5	59	63	38	2.06	4.98	6.30
Wisconsin		6	15		6	15	85	75	188	2.06	5.84	6.20
Minnesota	1,158	932	1,417	1,080	886	1,373	10,370	9,303	15,103	2.11	3.95	6.05
Iowa	143	34	80	143	34	79	1,647	510	1,066	2.05	3.74	5.85
Missouri		9	6		9	6	7	39	35	1.95	3.45	5.60
North Dakota	1,012	866	1,464	802	762	1,425	5,602	4,953	11,400	2.04	4.39	6.10
South Dakota	282	378	597	247	344	585	2,176	3,440	5,850	2.07	4.09	6.00
Kansas	146	120	115	130	116	107	892	812	749	1.95	3.55	5.55
Oklahoma	22	3	4	18	3	4	110	24	24	1.92	3.22	5.55
Texas	* 37	84	94	* 30	76	91	* 249	555	864	* 2.14	3.15	5.75
Montana	196	83	188	174	74	168	1,155	515	1,008	1.95	4.55	6.00
Idaho	4	1	3			3			30	* 1.88		6.25
Wyoming	1	1	2	1	1	2	3	5	9	* 2.61	4.13	5.90
Arizona	* 16	14	20	* 15	14	20	* 350	336	530	* 2.47	3.62	6.10
Washington	4		4	3		4	32		52			6.45
Oregon	3		8	3		7	32		98			6.50
California	141	106	125	133	102	122	2,267	1,938	2,623	2.36	3.84	7.00
United States	3,182	2,641	4,157	2,807	2,432	4,026	25,030	22,585	39,763	2.10	4.04	6.10

<sup>1</sup> Preliminary.

<sup>2</sup> Does not include flaxseed harvested from flax grown for fiber in Oregon, estimated at 82,000 bushels in 1946 and 80,000 bushels in 1947.

<sup>3</sup> For certain years, prices include an allowance for unredeemed loans at average loan value.

<sup>4</sup> Short-time average.

Bureau of Agricultural Economics.

TABLE 171.—*Flaxseed: Production and farm disposition, by States, crops of 1946 and 1947*

State	Crop of 1946				Crop of 1947 <sup>1</sup>			
	Production	Used for seed		Sold	Production	Used for seed		Sold
		Total	On farms where grown			Total	On farms where grown	
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	
Ohio.....	14	2	14	24	1	2	24	
Illinois.....	63	4	3	60	38	4	36	
Michigan.....	75	12	5	70	188	14	8	
Wisconsin.....	9,303	992	546	8,757	15,103	1,022	634	
Minnesota.....	510	64	22	488	1,066	60	36	
Iowa.....	39	6	2	37	35	5	2	
Missouri.....	4,953	805	362	4,591	11,400	886	532	
North Dakota.....	3,440	328	164	3,276	5,850	332	206	
South Dakota.....	812	80	38	774	749	64	33	
Kansas.....	24	3	1	23	24	2	1	
Oklahoma.....	555	70	35	520	864	129	45	
Texas.....	518	75	15	503	1,008	44	26	
Montana.....	2	2	2	30	30	1	30	
Idaho.....	5	1	5	9	9	9	9	
Wyoming.....	336	18	1	335	530	32	2	
Arizona.....	3	3	3	52	3	3	52	
Washington.....	6	6	6	98	12	2	96	
Oregon.....	1,938	94	24	1,914	2,623	142	47	
California.....								
United States.....	22,585	2,570	1,218	21,367	39,763	2,755	1,578	
							38,185	

<sup>1</sup> Preliminary.

Bureau of Agricultural Economics. Disposition of the crop specified and not disposition within the marketing year. Estimates of farm disposition represent portions of the crop used or to be used for the designated purposes on farms where produced and do not include purchases by farmers from others for such purposes.

TABLE 172.—*Flaxseed: Supply and distribution, United States, 1929-48*

Year beginning July—	Supply				Distribution				
	Stocks, July 1	Production	Net im- ports	Total supply	Farm disposition			Crush- ings	Total disap- pearance <sup>1</sup>
					Used for seed		Sold		
					Total	On farms where grown <sup>1</sup>			
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	
1929	5,010	15,924	19,652	40,585	2,327	1,233	14,691	35,504	37,373
1930	3,222	21,673	7,813	32,708	1,989	1,215	20,458	27,054	30,225
1931	2,483	11,755	13,849	28,087	1,440	835	10,920	23,700	25,187
1932	2,900	11,511	6,213	20,624	1,006	636	10,875	17,370	18,524
1933	2,100	6,904	17,901	26,905	882	524	6,380	23,006	24,392
1934	2,513	5,719	15,332	23,564	1,293	445	5,274	20,720	21,383
1935	2,181	14,914	15,388	32,483	1,388	771	14,143	26,544	29,152
1936	3,331	5,331	26,096	34,758	732	331	6,000	30,340	31,419
1937	3,339	7,070	17,861	28,270	580	314	6,756	25,870	26,071
1938	2,199	8,032	18,744	28,975	1,353	533	7,499	25,569	26,679
1939	2,296	19,606	13,212	35,114	2,012	963	18,643	30,078	31,203
1940	3,911	30,924	11,198	46,033	2,271	1,232	29,692	36,643	38,661
1941	7,372	32,133	23,226	62,731	2,962	1,454	30,679	51,195	56,545
1942	6,186	40,976	6,325	53,488	3,815	1,922	39,054	44,257	49,070
1943	4,418	50,009	16,786	71,213	1,810	1,217	48,792	54,602	59,024
1944	12,189	21,665	5,052	38,906	2,380	1,178	20,487	32,661	35,535
1945	3,071	34,557	3,402	41,030	1,656	1,015	33,542	29,351	34,404
1946	6,626	22,585	1,340	30,551	2,570	1,218	21,367	24,597	28,860
1947 <sup>1</sup>	41,691	39,763	599	42,153	2,755	1,578	38,185	30,083	34,863
1948 <sup>1</sup>	47,290								

<sup>1</sup> Included in total used for seed.<sup>2</sup> Computed from figures on production, trade, and stocks.<sup>3</sup> Preliminary.<sup>4</sup> Excludes new-crop flaxseed.

Bureau of Agricultural Economics. Compiled from reports of this Bureau and the Bureau of the Census. Farm disposition relates to the crop specified and not to disposition within the marketing year.

TABLE 173.—Flaxseed: Acreage, yield per acre, and production in specified areas, year of harvest, average 1935-39, annual 1944-47<sup>1</sup>

Continent and country		Harvested acreage					Yield per acre					Production				
		Aver- age 1935-39	1944	1945	1946	1947 <sup>2</sup>	Aver- age 1935-39	1944	1945	1946	1947	Aver- age 1935-39	1944	1945	1946	1947 <sup>3</sup>
North America:		1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Bush- els	Bush- els	Bush- els	Bush- els	Bush- els	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
Canada:		307	1,323	1,059	841	1,571	4.9	7.3	7.2	7.6	7.8	1,508	9,068	7,593	6,403	12,241
Mexico:		16	56	65	73	78	6.9	9.9	10.8	10.7	11.6	555	793	789	789	902
United States:		1,451	2,610	3,785	2,432	4,026	7.6	8.3	9.1	9.3	9.9	10,991	21,665	34,557	22,585	39,763
Total <sup>1</sup> :		1,800	4,000	5,000	3,400	5,700						12,700	31,900	43,000	29,800	53,000
Europe:																
Austria <sup>4</sup>		5	14	7	5	6	7.1	10.5	5.7	8.4	7.6	36	144		40	45
Belgium <sup>4</sup>		75	26	60	78	69	8.9	7.3	9.1	8.0	7.2	664	189	548	617	493
Bulgaria <sup>4</sup>		*8	*25	*11	*2	*48	6.5	6.3	5.4	5.5	6.1	52	157	61	10	47
Czechoslovakia <sup>4</sup>		*35					6.9			5.6	4.0	*243			277	185
Finland <sup>4</sup>		92	23	25	81	88	5.0	4.9	4.7	4.9	4.0	464	512	433	394	350
France <sup>4</sup>		92	104	93	81	88	10.7	10.7				696	1,176			
Germany <sup>4</sup>		65	110				10.7					283				
Hungary <sup>4</sup>		28		5	8	18	12.3	5.9	9.0	12.3	8.1	202	320	172	94	148
Italy <sup>4</sup>		16	*54	*32	*33	31	12.6	10.4	10.5	7.6	12.3	320	372	252	252	385
Netherlands <sup>4</sup>		42	29	23	31	33	13.0	10.4	10.5	10.2	11.7	546	300	245	314	384
Poland <sup>4</sup>		*168					10.0			4.1	4.0	*1,578		225	225	400
Rumania <sup>4</sup>		42	81	82	59	39	6.5	4.0	2.9	2.7	16.6	224	224	224	337	446
Sweden <sup>4</sup>		*2	30	36	22	39	18.2	20.0	20.0	16.6	16.6	280	280	240	100	760
United Kingdom <sup>4</sup>		*2	14	10	11	38	1.6	20.0	24.0	9.1	20.0	52				
Yugoslavia <sup>4</sup>		33														
Total Europe (excluding U. S. S. R.): <sup>10</sup>		650	800	650	550	650						5,300	5,800	4,500	3,300	4,900
U. S. S. R. (Europe and Asia) <sup>4</sup>		*6,434			2,656	3,353	5.1			4.2	4.5	*32,115			11,237	15,220
Asia:																
Turkey <sup>4</sup>		48	35	37	55	70	7.3	11.7	3.7	5.3	10.0	349	408	139	296	707
India <sup>4</sup>		3,885	3,533	3,465	3,334	3,288	4.7	4.3	4.5	4.4	4.4	18,096	15,240	15,080	14,520	13,960
Japan <sup>4</sup>		50	98	95	67	75	4.2	2.8	4.4			211	275	420		
Total Asia (excluding U. S. S. R. and China) <sup>11</sup>		4,100	3,900	3,850	3,700	3,700						19,000	16,200	16,600	15,940	15,300



TABLE 174.—*Flaxseed: Receipts graded by licensed inspectors, by grades, United States, 1937-46*

Year beginning August—	No. 1	No. 2	Sample	Total	Year beginning August—	No. 1	No. 2	Sample	Total
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels		1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1937-----	7,356	256	127	7,739	1942-----	25,127	3,582	2,029	30,738
1938-----	7,600	79	108	7,787	1943-----	33,619	2,170	1,118	36,907
1939-----	15,847	213	115	16,175	1944-----	19,305	1,717	608	21,630
1940-----	20,167	2,148	2,226	24,481	1945 <sup>1</sup> -----	31,151	683	457	32,291
1941-----	19,723	2,921	1,831	24,475	1946 <sup>1</sup> -----	16,265	1,128	200	17,593

<sup>1</sup> Year beginning July.

Production and Marketing Administration. The quantity loaded per car varies, but carlot receipts have been converted to bushels on the basis of 1,200 bushels per car for the years 1937-43 and 1,600 bushels for the years 1944-46.

TABLE 175.—*Flaxseed crushed, and production, imports, and exports of linseed oil, cake and meal, United States, 1938-47*

Year beginning July—	Flaxseed crushed					Linseed oil			Linseed cake and meal		
	July-Sept.	Oct.-Dec.	Jan.-Mar.	Apr.-June	Total <sup>1</sup>	Production	Imports for consumption	Exports	Production	Imports for consumption	Exports
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 pounds	1,000 pounds	1,000 pounds	1,000 tons	1,000 tons	1,000 tons
1938-----	5,043	7,206	7,112	6,207	25,568	501,545	64	815	451	9	268
1939-----	6,814	8,736	7,892	6,637	30,078	579,056	18	4,552	536	2	214
1940-----	6,948	10,083	10,226	9,386	36,643	707,230	69	5,262	652	1	4
1941-----	12,175	13,070	13,425	12,526	51,195	988,287	56	41,285	911	( <sup>2</sup> )	7
1942-----	11,658	12,255	10,679	9,665	44,257	849,160	55,584	83,764	790	( <sup>2</sup> )	10
1943-----	12,103	15,484	14,527	12,488	54,602	1,046,972	84,580	294,359	975	1	1
1944-----	13,324	8,534	6,428	4,575	32,861	633,109	27,112	185,778	585	10	1
1945-----	5,872	9,710	7,099	6,670	29,351	588,520	105,452	552,648	511	3	( <sup>2</sup> )
1946-----	8,840	6,268	4,908	4,581	24,597	485,354	168,251	933	452	( <sup>2</sup> )	2
1947 <sup>1</sup> -----	5,392	8,521	7,835	8,335	30,083	595,137	13,796	541,678	528	7	13

<sup>1</sup> Each quarterly and annual figure is rounded directly from original data stated in tons.<sup>2</sup> Less than 500 tons.<sup>3</sup> Includes 32,606,000 pounds reported in imports for consumption and in re-exports in 1945; 14,118,000 pounds in 1947.<sup>4</sup> Preliminary.

Bureau of Agricultural Economics. Crushings and production of oil from reports of the Bureau of the Census, Animal and Vegetable Fats and Oils. Production of linseed cake and meal computed by the Department of Agriculture. Trade figures from Monthly Summary of Foreign Commerce of the United States, and records of the Bureau of the Census. Data for earlier years in 1934 Yearbook, table 91, and Agricultural Statistics, 1944, table 160.

TABLE 176.—*Linseed oil and meal: Average price at New York and Minneapolis, 1938-47*

Year beginning July—	Oil, per pound		Meal, per ton		Year beginning July—	Oil, per pound		Meal, per ton	
	New York <sup>1</sup>	Minneapolis <sup>2</sup>	New York <sup>3</sup>	Minneapolis <sup>4</sup>		New York <sup>1</sup>	Minneapolis <sup>2</sup>	New York <sup>3</sup>	Minneapolis <sup>4</sup>
	Cents	Cents	Dollars	Dollars		Cents	Cents	Dollars	Dollars
1938-----	8.8	8.4	41.47	38.56	1943-----	15.2	14.4	49.00	45.33
1939-----	10.1	9.6	35.46	31.78	1944-----	15.1	14.3	49.00	45.50
1940-----	9.5	8.6	25.35	27.04	1945-----	15.5	14.3	51.04	47.50
1941-----	12.1	11.1	34.24	37.42	1946-----	30.7	29.9	86.40	80.65
1942-----	14.2	13.3	42.91	42.43	1947-----	30.8	29.5	93.68	84.66

<sup>1</sup> Raw oil, drums, carlots; prior to May 1940 reported in barrels.<sup>2</sup> Raw oil in tank cars.<sup>3</sup> Bagged, carlots, 34 percent protein; prior to January 1943 protein content varied from 30 to 34 percent.<sup>4</sup> Bagged, carlots, 32 to 34 percent protein; prior to October 1944 protein content varied from 34 to 37 percent.<sup>5</sup> Nonreturnable drums.

Bureau of Agricultural Economics. Compiled from reports of the Production and Marketing Administration, Minneapolis Daily Market Record, and the Oil, Paint and Drug Reporter, New York City.

TABLE 177.—*Olive oil, edible: Estimated commercial production in specified foreign countries, averages 1931-35 and 1936-40, annual 1943-48*<sup>1</sup>

Country	Averages		1943	1944	1945	1946	1947 <sup>2</sup>	1948 <sup>3</sup>
	1931-35	1936-40						
	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons
Algeria.....	19.8	15.4	17.6	20.9	16.5	8.8	22.0	14.6
France.....	8.4	9.5	4.2	4.4	9.0	5.5	4.4	5.5
French Morocco.....	11.2	9.9	13.2	9.9	7.6	5.5	19.8	20.0
Greece.....	125.7	106.3	91.5	88.9	67.1	107.0	91.3	159.8
Italy.....	204.6	236.4	198.6	197.0	264.4	110.0	165.0	284.0
Libya.....	2.6	2.4	1.3	1.6	2.2	3.0	2.0	1.0
Palestine.....	2.3	7.4	10.4	10.9	3.0	11.7	1.6	3.3
Portugal.....	46.7	62.1	41.4	95.1	39.3	43.8	49.5	98.0
Spain.....	316.7	408.2	264.0	440.0	242.0	176.0	385.0	579.0
Syria and Lebanon.....	11.8	13.5	19.8	11.8	11.9	23.0	10.1	28.0
Tunisia.....	64.5	49.5	55.0	38.5	82.5	7.7	22.0	20.0
Turkey.....	27.7	31.8	35.2	27.5	26.4	35.2	35.2	66.0
Yugoslavia.....	3.8	4.5	3.0	3.3	33.0	5.3	5.3	3.0
Total.....	835.8	956.9	755.2	949.8	804.9	542.7	813.2	1,282.2

<sup>1</sup> Most of the production occurs in the year specified, although in some countries it begins in November or December of the preceding year.

<sup>2</sup> Preliminary.

Office of Foreign Agricultural Relations. Compiled from trade reports and official sources. Some figures revised from those shown in Agricultural Statistics, 1947.

TABLE 178.—*Peanuts: Acreage, yield, production, season average price per pound received by farmers, value, and foreign trade, United States, 1929-47*

Crop of—	Acreage grown alone for all purposes	Total planted acreage <sup>1</sup>	Acreage not picked and threshed <sup>2</sup>	Peanuts picked and threshed <sup>3</sup>				Foreign trade, year beginning July <sup>4</sup>			
				Acreage harvested	Yield per acre	Production	Price	Farm value	Domestic exports	Imports	Net imports <sup>5</sup>
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Pounds	1,000 pounds	Cents	1,000 dollars	Pounds	Pounds	Pounds
1929.....	1,627	2,064	802	1,262	711.7	898,197	3.73	33,533	3,679	15,437	9,844
1930.....	1,433	1,881	808	1,073	649.9	697,350	3.51	24,462	2,645	14,040	8,758
1931.....	1,773	2,299	859	1,440	733.2	1,055,815	1.62	17,144	3,345	2,304	<sup>6</sup> 2,715
1932.....	2,042	2,649	1,148	1,501	627.0	941,195	1.55	14,587	5,128	358	<sup>6</sup> 4,992
1933.....	1,717	2,350	1,133	1,217	673.5	819,620	2.85	23,328	1,103	<sup>6</sup> 600	<sup>6</sup> 503
1934.....	2,015	2,627	1,113	1,514	670.0	1,014,385	3.28	33,293	301	365	64
1935.....	1,972	2,546	1,049	1,497	770.1	1,152,795	3.14	36,181	284	315	31
1936.....	2,127	2,741	1,081	1,660	759.0	1,260,020	3.72	46,931	256	2,046	1,790
1937.....	1,967	2,542	1,004	1,538	801.5	1,232,755	3.30	40,630	741	<sup>8</sup> 3,480	<sup>8</sup> 2,739
1938.....	2,236	2,803	1,111	1,692	761.7	1,288,740	3.27	42,126	605	8,462	7,857
1939.....	2,563	3,106	1,198	1,908	636.0	1,213,110	3.40	41,224	601	8,661	8,060
1940.....	2,599	3,108	1,056	2,052	861.0	1,766,590	3.33	58,850	637	6,409	5,772
1941.....	2,451	2,945	1,045	1,900	776.0	1,475,205	4.66	68,746	6,071	2,834	<sup>8</sup> 3,237
1942.....	4,329	4,701	1,346	3,355	654.0	2,192,800	6.08	133,248	3,224	4,024	800
1943.....	4,775	5,150	1,622	3,528	617.0	2,176,420	7.12	155,025	20,625	1,860	<sup>8</sup> 18,765
1944.....	3,831	4,113	1,045	3,068	678.0	2,080,825	8.04	167,352	21,692	56,276	34,584
1945.....	3,844	4,100	940	3,160	646.0	2,042,235	8.27	168,878	67,767	33,279	<sup>8</sup> 34,488
1946.....	3,917	4,173	1,031	3,142	649.0	2,038,355	9.10	185,399	248,711	3	<sup>8</sup> 248,708
1947 <sup>9</sup> .....	4,121	4,375	986	3,389	646.0	2,187,985	10.1	220,975	-----	-----	-----

<sup>1</sup> Acres grown alone, plus one-half the interplanted acres.

<sup>2</sup> Mostly hogged.

<sup>3</sup> For data on peanut vine hay, see table 369.

<sup>4</sup> Compiled from Monthly Summary of Foreign Commerce of the United States, January and June issues; trade data are on the basis of "in the shell," converted at ratio of 1 to 1½; beginning 1945, at 1 to 1.55.

<sup>5</sup> Re-exports taken into consideration in years 1929 to 1932 inclusive.

<sup>6</sup> Net exports.

<sup>7</sup> Imports for consumption beginning 1933.

<sup>8</sup> Excludes 3,371,850 pounds "free for export."

<sup>9</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1909-28 in Agricultural Statistics, 1942, table 239.



TABLE 179.—Peanuts 1: Acreage and production in specified areas, year of harvest, average 1935-39, annual 1943-47

Continent and country	Acreage *					Production						
	Average 1935-39	1943	1944	1945	1946	1947 *	Average 1935-39	1943	1944	1945	1946	1947 *
North America:												
Mexico.....	33	114	108	1,000 acres	1,000 acres	1,000 acres	1,000 tons	51.1	42.6	38.6	40.6	49.6
United States.....	1,659	3,492	3,068	3,160	3,142	3,380	614.7	1,088.2	1,040.4	1,021.1	1,019.2	1,125.8
Cuba.....	133	67	118	118	75	86	4.8	35.0	25.0	23.5	29.0	23.5
Dominican Republic.....	31	31	44	44	29	43	4.8	8.4	4.6	10.0	8.9	9.0
Total <sup>1</sup> .....	1,800	3,800	3,300	3,400	3,300	3,630	640.0	1,186.0	1,116.0	1,098.0	1,112.0	1,214.0
Europe:												
Bulgaria <sup>2</sup> .....	5	4	2	3	4	4	2.2	9	6	5	1.3	1.3
Italy.....	42	7	6	7	7	11	41.6	5.5	3.9	4.9	4.4	7.9
Spain.....	124	19	15	15	7	11	23.3	13.0	11.0	10.4	4.4	7.9
Total <sup>3</sup> .....	35	35	25	30	35	40	28.0	20.0	16.0	16.0	22.0	26.0
U. S. S. R. (Europe and Asia)												
Asia:												
Turkey.....	13	7	5	4	4	688	1.7	3.6	2.5	1.8	1.9	1.4
Burma.....	784	726	539	559	510	1,000	192.2	100.0	126.6	110.2	126.6	171.4
China proper <sup>4</sup> .....	43,639	3,146	3,203	3,214	3,225	3,215	4,293.4	2,374.5	2,398.2	2,342.6	2,425.4	2,448.0
Manchuria.....	47	7	7	7	7	1,121.6	45.6	4.7	6.1	6.1	6.1	6.1
French India.....	42	116	98	108	108	10,000	16.0	31.0	23.0	3,881.9	3,911.0	4,000.0
India.....	7,535	9,808	10,574	10,273	9,990	3,295.7	4,281.8	4,318.7	4,318.7	19.8	19.8	19.8
Japan.....	419	177	177	177	177	497.7	19.4	23.9	23.9	22.7	22.7	22.7
Formosa.....	417	718	432	221	326	464	57.7	19.4	23.9	22.7	22.7	22.7
Kwantung Leased Territory.....	4101	718	432	221	326	464	57.7	19.4	23.9	22.7	22.7	22.7
Netherlands Indies <sup>10</sup> .....	573	718	432	221	326	464	289.1	348.6	179.1	92.4	116.6	215.5
Philippine Islands.....	18	15,100	15,500	14,800	14,600	15,000	4.7	348.6	179.1	92.4	116.6	215.5
Total <sup>5</sup> .....	13,200	15,100	15,500	14,800	14,600	15,000	7,040.0	7,423.0	7,302.0	6,983.0	6,900.0	7,074.0
South America:												
Argentina.....	4207	269	359	351	381	294	87.3	105.9	219.2	174.4	153.3	117.8
Brazil.....	429	29	14	14	14	29	11.3	28.8	46.0	27.6	34.5	55.1
Paraguay.....	5	17	12	15	15	21	4.4	21.7	4.4	4.8	5.0	3.9
Uruguay.....	5	17	12	15	15	21	1.2	2.0	3.9	5.4	4.8	4.8
Total <sup>6</sup> .....	400	500	600	550	600	600	126.0	166.0	280.0	220.0	205.0	189.0



TABLE 180.—Peanuts: Acreage, yield, production, and season average price per pound received by farmers, by States, average 1936-45, annual 1948 and 1947

State	Total planted acreage <sup>1</sup>			Acreage not picked and threshed <sup>2</sup>			Acreage harvested			Yield per acre			Production			Price for crop of		
	Aver- age 1936-45	1946	1947 <sup>3</sup>	Aver- age 1936-45	1946	1947 <sup>3</sup>	Aver- age 1936-45	1946	1947 <sup>3</sup>	Aver- age 1936-45	1946	1947 <sup>3</sup>	Average 1936-45	1946	1947 <sup>3</sup>	Average 1936-45	1946	1947 <sup>3</sup>
Virginia.....	1,000 acres	1,000 152	1,000 164	1,000 acres	1,000 4	1,000 2	1,000 acres	1,000 102	1,000 102	1,000 acres	1,000 1,148	1,000 1,220	1,000 pounds	1,000 191,220	1,000 197,040	1,000 197,040	Cents	Cents
North Carolina.....	152 acres	152	164	152 acres	152	164	152 acres	102	102	152	1,148	1,220	1,000	191,220	197,040	197,040	5.7	10.5
Tennessee.....	280 acres	318	321	280 acres	18	23	280 acres	295	301	280	1,025	1,030	394,772	272,875	310,030	5.6	10.2	11.0
.....	9	5	5	.....	.....	.....	9	5	5	722	850	900	6,322	4,250	4,000	5.3	10.6	12.0
Total (Virginia-North Carolina area).....	441	475	490	22	25	22	419	450	468	1,151	1,041	1,063	480,986	468,375	511,070	5.65	10.3	11.0
South Carolina.....	35	31	30	8	5	4	26	26	26	622	650	550	15,831	16,900	14,300	6.0	10.2	11.0
Georgia.....	1,232	1,567	1,571	449	497	447	803	1,070	1,124	708	670	695	561,373	716,900	781,180	5.1	8.9	10.1
Florida.....	337	320	336	247	220	231	90	100	105	639	465	660	57,460	46,500	69,300	4.6	8.3	9.4
Alabama.....	698	625	619	211	153	156	388	472	463	698	550	630	269,178	269,600	291,690	4.7	8.4	9.5
Mississippi.....	39	22	21	12	7	6	26	15	15	401	350	325	10,584	5,250	4,875	5.9	10.0	12.5
Total (Southeastern area).....	2,201	2,565	2,577	928	882	844	1,333	1,683	1,733	693	621	670	914,426	1,045,190	1,101,345	4.99	8.78	9.93
Arkansas.....	56	18	17	34	9	9	22	9	8	368	375	350	7,882	3,375	2,800	5.6	8.8	11.1
Louisiana.....	32	11	12	21	7	7	12	4	5	356	280	300	4,118	1,130	1,500	6.1	10.8	12.9
Oklahoma.....	151	244	346	34	23	21	117	221	225	448	530	450	51,726	117,130	146,250	5.0	8.7	9.6
Texas.....	585	862	919	107	85	83	478	767	836	446	515	420	298,946	395,005	351,120	4.6	8.6	9.6
New Mexico.....	57	8	14	.....	.....	.....	14	8	14	1,031	1,025	950	6,536	8,200	13,300	5.8	9.0	9.7
Total (Southwestern area).....	829	1,133	1,308	196	124	120	634	1,009	1,188	445	520	433	277,438	524,830	514,970	4.70	8.63	9.62
United States.....	3,531	4,173	4,375	1,145	1,031	966	2,390	3,142	3,389	719	649	646	1,672,870	2,038,355	2,187,985	5.12	9.10	10.1

<sup>1</sup> Acres grown alone, plus one-half the interplanted acres. Total production may be approximated by multiplying total acreage (each State) by yield per acre of peanuts<sup>2</sup> Mostly hogged.<sup>3</sup> For data on peanut-vine hay, see table 369.<sup>4</sup> Short-time average.

Bureau of Agricultural Economics.

TABLE 181.—*Peanuts: Production and farm disposition, United States, 1938-47*

Crop of—	Production, picked and threshed	Total used for seed	Farm disposition			
			Sold <sup>1</sup>	Used on farms where grown		
				For seed	Fed and lost	Household use
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1938.....	1,288,740	144,700	1,135,872	94,215	16,980	41,673
1939.....	1,213,110	145,608	1,058,590	80,535	20,185	44,800
1940.....	1,766,590	150,554	1,602,706	104,624	20,735	38,525
1941.....	1,475,205	266,449	1,292,664	132,131	17,087	33,323
1942.....	<sup>2</sup> 2,192,870	287,920	1,942,905	177,765	30,275	41,925
1943.....	<sup>2</sup> 2,176,500	239,503	1,970,139	150,555	14,962	40,844
1944.....	2,080,825	240,097	1,870,085	152,828	23,792	34,110
1945.....	2,042,235	252,101	1,840,052	147,478	22,615	32,690
1946.....	2,038,355	245,200	1,824,043	154,435	25,985	35,892
1947 <sup>3</sup> .....	2,187,985	-----	-----	-----	27,080	34,625

<sup>1</sup> Farm sales weight basis and includes seed sold.<sup>2</sup> Unrevised; see also table 178.<sup>3</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1909-37 in Agricultural Statistics 1942, table 239.

TABLE 182.—*Farmers' stock peanuts crushed, disappearance of oil stock, production and disappearance of, and foreign trade in, crude peanut oil and meal, United States, 1938-46*

Year beginning September—	Farmers' stock peanuts crushed	Disap- pearance of shelled oil stock	Production		Disappearance <sup>1</sup>		Foreign trade, year beginning September <sup>2</sup>		
			Crude peanut oil	Peanut cake and meal	Crude peanut oil	Peanut cake and meal	Peanut oil		Peanut cake and meal, imports
							Imports	Exports	
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1938.....	260,855	28,683	85,135	130,110	84,905	131,118	13,509	<sup>3</sup> 5	20,562
1939.....	72,666	33,581	32,483	59,131	31,619	55,620	3,320	3,118	19,859
1940.....	557,855	34,641	173,943	267,770	177,386	259,053	2,341	<sup>4</sup> 5,440	15,754
1941.....	220,217	29,152	76,548	114,352	74,485	126,439	3,309	3,922	13,945
1942.....	390,690	43,540	130,558	200,810	129,662	207,429	45	860	8,285
1943.....	408,186	<sup>5</sup> 54,058	135,094	216,367	135,150	215,291	7	172	7,408
1944.....	119,494	<sup>5</sup> 214,414	113,216	187,642	115,334	191,630	0	148	5,187
1945.....	90,204	<sup>5</sup> 193,205	99,575	161,640	97,464	161,140	64	499	5,988
1946.....	263,280	<sup>5</sup> 181,412	139,161	228,791	140,766	228,815	107	1,274	3,098

<sup>1</sup> Disappearance at producing mills only.<sup>2</sup> Foreign trade data from Monthly Summary of Foreign Commerce of the United States and official records of the Department of Commerce.<sup>3</sup> Jan.-Aug. 1939.<sup>4</sup> Beginning July 1, 1941, exports reported as peanut oil, edible, and peanut oil, crude; in this tabulation they are added without converting.<sup>5</sup> Includes edible grade shelled peanuts diverted to crushing.

Bureau of Agricultural Economics.

TABLE 183.—*Peanuts and products: Stocks on hand in commercial positions, United States, Sept. 1, 1938-47*

Sept. 1	Farmers' stock pea- nuts	Shelled edi- ble peanuts	Cleaned pea- nuts (in shell)	Shelled oil stock	Crude pea- nut oil <sup>1</sup>	Peanut cake or meal <sup>1</sup>
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1938.....	41,381	62,123	8,699	1,468	3,564	12,092
1939.....	26,607	32,807	8,598	1,448	3,794	11,084
1940.....	75,392	61,532	8,923	2,448	4,658	14,595
1941.....	48,467	87,423	12,615	1,289	1,215	23,312
1942.....	30,942	51,073	6,478	1,475	3,663	11,255
1943.....	58,063	98,275	10,894	2,162	4,559	4,536
1944.....	55,259	105,332	15,157	12,246	4,493	5,712
1945.....	39,671	94,366	12,526	14,731	2,375	1,724
1946.....	35,539	150,541	19,551	7,178	4,486	2,224
1947.....	29,448	101,989	7,577	10,178	2,881	2,063

<sup>1</sup> Holdings at producing mills only.

Bureau of Agricultural Economics.

TABLE 184.—Farmers' stock peanuts milled: Production and disappearance of items from cleaning and shelling operations, United States, 1938-48

Year beginning September—	Farmers' stock peanuts milled			Outturn from cleaning and shelling operations			Disappearance <sup>1</sup>		
	Cleaned and shelled	Crushed	Total	Cleaned goods (in shell)	Shelled goods <sup>1</sup>		Cleaned goods (in shell)	Shelled goods	
					Edible grade	Oil stock		Edible grade	Oil stock
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1938.....	795,163	260,855	1,056,018	70,298	445,667	28,663	70,399	474,983	28,683
1939.....	876,436	72,666	949,102	67,056	514,507	34,581	66,731	485,782	33,581
1940.....	991,363	557,855	1,549,218	75,137	584,385	33,482	71,445	558,494	34,641
1941.....	909,611	220,217	1,129,828	61,302	543,441	29,338	67,439	579,791	29,152
1942.....	1,358,594	390,690	1,749,284	63,360	843,293	44,233	58,944	796,091	43,546
1943.....	1,371,535	408,186	1,779,721	83,191	799,118	64,142	78,928	792,061	54,058
1944.....	1,573,636	119,494	1,693,130	102,492	833,554	183,957	105,123	844,520	214,414
1945.....	1,600,230	90,204	1,690,434	92,177	869,431	185,632	85,152	813,256	193,205
1946.....	1,388,437	263,280	1,651,717	71,126	718,415	184,412	83,100	766,967	181,412

<sup>1</sup> Edible grades crushed included in oil stock.<sup>2</sup> These figures take into account the stocks at beginning and ending of the year as shown in table 183. These figures include exports.

Bureau of Agricultural Economics.

TABLE 185.—Peanuts (farmers' stock): Average price per pound to growers, f. o. b. country-shipping-point basis, 1937-46

Crop year <sup>1</sup>	Virginia-type Bunch (Va.-N. C.)	South-eastern Runner	South-eastern Spanish	South-western Spanish	Crop year <sup>1</sup>	Virginia-type Bunch (Va.-N. C.)	South-eastern Runner	South-eastern Spanish	South-western Spanish
	Cents	Cents	Cents	Cents		Cents	Cents	Cents	Cents
1937.....	3½	2.6	2.9	3.0	1942.....	8.2	7.2	8.0	7.4
1938.....	3½	2.5	3.0	2.9	1943.....	7.6	6.8	7.4	6.8
1939.....	3½	2.5	3.1	3.2	1944.....	7.7	7.6	8.4	8.2
1940.....	4½	2.9	3.4	3.1	1945.....	8.0	7.8	8.6	8.3
1941.....	6¼	5.1	6.0	4.5	1946.....	10.4	8.4	9.4	8.4

<sup>1</sup> Crop year begins about Nov. 1 in the Virginia-North Carolina section; in September, in the Southeastern States, and in August in the Southwestern States.<sup>2</sup> Virginia crop was purchased on basis of percentage of sound mature kernels, without reference to Jumbos or Bunch.

Production and Marketing Administration.

TABLE 186.—Peanut oil and meal: Average price at specified markets, 1938-47

Year beginning October—	Oil, per pound		Meal per ton <sup>2</sup>	Year beginning October—	Oil, per pound		Meal, per ton <sup>2</sup>
	Crude, f.o.b. south- eastern milling points <sup>1</sup>	Refined edible, New York <sup>2</sup>	F.o.b. south- eastern milling points		Crude, f.o.b. south- eastern milling points <sup>1</sup>	Refined edible, New York <sup>2</sup>	F.o.b. south- eastern milling points
	<i>Cents</i>	<i>Cents</i>	<i>Dollars</i>		<i>Cents</i>	<i>Cents</i>	<i>Dollars</i>
1938.....	5.9	9.4	22.06	1943.....	13.0	16.4	33.00
1939.....	6.2	9.4	29.36	1944.....	13.0	16.5	53.08
1940.....	7.8	10.6	25.55	1945.....	13.0	16.5	61.10
1941.....	12.7	16.6	40.57	1946.....	25.9	33.2	74.10
1942.....	13.0	16.6	40.57	1947.....	27.4	35.2	83.20

<sup>1</sup> Quoted in tanks.<sup>2</sup> Quoted in barrels through April 1943; beginning May 1943 in drums.<sup>3</sup> 45 percent protein.

Bureau of Agricultural Economics. Compiled from reports of the Production and Marketing Administration in the New York Journal of Commerce, and the Oil, Paint, and Drug Reporter, New York City.

TABLE 187.—*Peanuts: Average price per pound of cleaned and shelled peanuts for prompt shipment, f. o. b. important shipping points, 1937-46, by approximate crop years*<sup>1</sup>

## VIRGINIA-NORTH CAROLINA SECTION: VIRGINIA AND NORTH CAROLINA

Classification	1937	1938	1939	1940	1941	1942 <sup>2</sup>	1943 <sup>2</sup>	1944 <sup>2</sup>	1945 <sup>2</sup>	1946 <sup>2</sup>
Cleaned Virginia:	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
Jumbos.....	6½	7¼	6¼	6.8	9¼	14¼	15¼	15¼	15¼	19¼
Fancys.....	5½	5½	5½	6½	8½	14¼	15	15.1	15½	17½
Shelled Virginia:										
Extra large.....	7¼	7½	8.10	8.9	12¾	16¾	16¾	16¾	16¾	22¾
No. 1.....	5¾	6	5¾	6¾	12¾	14¾	14¾	14¾	14¾	17¾
No. 2.....	5	5¼	5	5¾	10¾	13¾	14.1	(9)	-----	14¾

## SOUTHEASTERN SECTION: GEORGIA, ALABAMA, AND FLORIDA

Shelled:										
Spanish, No. 1.....	5¼	5¼	5¼	5½	10½	13.7	14.2	14¾	14¾	15¾
Spanish, No. 2.....	4¾	4¾	5.10	5.3	9½	13.2	13.6	(9)	-----	-----
Runner No. 1.....	6	5	5½	5½	10	13.3	13.9	14	14	15¾
Runner, No. 2.....	4¾	4¾	5	5.2	9½	12.8	13.2	(9)	-----	-----

## SOUTHWESTERN SECTION: TEXAS AND OKLAHOMA

Shelled:										
Spanish, No. 1.....	5¾	5¼	6	5.7	9¾	13.9	14¾	14¾	14¾	15¾
Spanish, No. 2.....	5¼	5¼	5½	5.7	8½	13.1	14.2	(9)	-----	13¾

<sup>1</sup> Crop year begins about Nov. 1 in the Virginia-North Carolina section; in September in the Southeastern States, and in August in the Southwestern States.

<sup>2</sup> The Office of Price Administration on Feb. 27, 1943, established per-pound ceiling prices as follows: Virginia-North Carolina Jumbos and Fancys, 15¼ cents; shelled Virginia extra large and mediums, 16¾ cents; No. 1's, 14¾ cents; Southeastern shelled No. 1 Spanish, 14¾ cents; Runners, 14 cents; Southwestern shelled Spanish No. 1's, 14¾ cents. Price ceilings were suspended July 1-26, 1946, and lifted entirely on Sept. 1, 1946.

<sup>3</sup> Under the 1944-45 peanut program, all No. 2's were crushed for oil; sales to the edible trade were forbidden.

Production and Marketing Administration.

TABLE 188.—*Soybeans for beans: Production and farm disposition, United States, 1938-47*

Crop of—	Production	Used for seed		Fed to live-stock	Sold	Crop of—	Production	Used for seed		Fed to live-stock	Sold
		Total	On farms where grown					Total	On farms where grown		
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>		<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
1938.....	61,906	14,667	6,036	4,554	51,316	1943.....	190,133	19,578	12,223	5,496	172,414
1939.....	90,141	15,974	8,677	5,365	76,099	1944.....	191,958	18,885	11,505	3,598	176,855
1940.....	78,045	15,141	7,968	4,999	65,078	1945.....	192,076	16,473	9,673	3,724	178,679
1941.....	107,197	20,385	9,860	3,925	93,412	1946.....	201,275	17,137	11,048	2,816	187,711
1942.....	187,524	20,980	10,224	6,016	171,284	1947 <sup>1</sup> .....	181,362	15,534	10,178	2,293	168,891

<sup>1</sup> Preliminary.

Bureau of Agricultural Economics. Disposition of the crop specified and not disposition within the marketing year. Estimates of farm disposition represent portions of the crop used or to be used for the designated purposes on farms where produced and do not include purchases by farmers from others for such purposes.

TABLE 189.—Soybeans: Acreage, yield, production, season average price per bushel received by farmers, value, and foreign trade, United States, 1929-47

Year	Acre- age grown alone for all pur- poses	Total planted acre- age <sup>1</sup>	Acre- age grazed, plowed under, etc. <sup>2</sup>	Soybeans for beans <sup>3</sup>							Foreign trade, year beginning July	
				Acre- age har- vested	Yield per acre	Pro- duc- tion	Price	Farm value	Dom- estic exports	Im- ports		
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Bushels	1,000 bushels	Dollars	1,000 dollars	1,000 bushels	1,000 bushels		
1929	1,868					8,661						
1929	2,429	2,807	325	708	13.3	9,438	1.88	17,736				75
1930	3,072	3,473	337	1,074	13.0	13,929	1.37	19,058				50
1931	3,835	4,304	391	1,141	15.1	17,260	.50	8,589	<sup>4</sup> 1,853			54
1932	3,704	4,165	426	1,001	15.1	15,158	.54	8,213	<sup>5</sup> 2,758			20
1933	3,537	3,957	407	1,044	12.9	13,509	.94	12,698				6
1934	5,692					23,016						
1934	5,704	6,207	424	1,556	14.9	23,157	.99	23,014	<sup>6</sup> 19			5
1935	6,966	7,503	544	2,915	16.8	48,901	.73	35,565	<sup>7</sup> 3,153			4
1936	6,127	7,183	1,708	2,359	14.3	33,721	1.27	42,857	<sup>8</sup> 1			17
1937	6,332	7,464	1,409	2,586	17.9	46,164	.85	39,091	1,332			3
1938	7,318	8,587	1,828	3,035	20.4	61,906	.67	41,645	3,571			2
1939	8,965					87,591						
1939	9,585	10,920	2,015	4,315	20.9	90,141	.81	73,049	11,833			2
1940	10,487	11,782	2,156	4,807	16.2	78,045	.90	70,224	85			1
1941	10,068	11,345	1,910	5,889	18.2	107,197	1.55	166,042	540		( <sup>9</sup> )	
1942	13,696	14,912	2,397	9,894	19.0	187,524	<sup>6</sup> 1.61	301,137	697		( <sup>9</sup> )	
1943	14,191	15,428	1,854	10,397	18.3	190,133	<sup>6</sup> 1.81	345,032	961		( <sup>9</sup> )	
1944	12,407					187,726						
1944	13,118	14,050	1,235	10,232	18.8	191,958	<sup>8</sup> 2.05	393,474	2,956		( <sup>9</sup> )	
1945	13,007	13,777	1,177	10,661	18.0	192,076	2.08	399,698	5,066			4
1946	11,662	12,427	1,088	9,806	20.5	201,275	2.57	516,355	3,104		( <sup>9</sup> )	
1947 <sup>1</sup>	12,894	13,654	1,157	11,125	16.3	181,362	3.28	595,480				

<sup>1</sup> Acres grown alone, plus one-half the interplanted acres.<sup>2</sup> For data on soybean hay, see table 369.<sup>3</sup> Inspections for export by Federal licensed inspectors; first reported in October 1931.<sup>4</sup> Not separately classified by Department of Commerce prior to Jan. 1, 1937.<sup>5</sup> Less than 500 bushels.<sup>6</sup> Includes an allowance for unredeemed loans at average loan value.<sup>7</sup> Preliminary.

Bureau of Agricultural Economics. Italic figures are census returns. Most of the foreign trade data from Monthly Summary of Foreign Commerce of the United States, January and June issues, and official records of the Department of Commerce. Data for 1924-28 in Agricultural Statistics, 1942, table 247.



## SOYBEANS

TABLE 190.—Soybeans: Acreage, yield, production, and season average price per bushel received by farmers, by States, average 1936-45, annual 1946 and 1947

State	Total planted acreage <sup>1</sup>						Acreage grazed, plowed under, etc. <sup>2</sup>			Soybeans for beans <sup>3</sup>																	
	1946			1947 <sup>2</sup>			Aver- age 1936-45			1946			1947 <sup>2</sup>			Aver- age 1936-45			Price for crop of—								
	1,000 acres			1,000 acres			1,000 acres			1,000 acres			1,000 acres			1,000 acres			Dollars			Dollars			Dollars		
	Aver- age 1936-45	1946	1947 <sup>2</sup>	Aver- age 1936-45	1946	1947 <sup>2</sup>	Aver- age 1936-45	1946	1947 <sup>2</sup>	Aver- age 1936-45	1946	1947 <sup>2</sup>	Aver- age 1936-45	1946	1947 <sup>2</sup>	Aver- age 1936-45	1946	1947 <sup>2</sup>	Aver- age 1936-45	1946	1947 <sup>2</sup>	Aver- age 1936-45	1946	1947 <sup>2</sup>	Aver- age 1936-45	1946	1947 <sup>2</sup>
New York.....	16	10	7	2	1	1	10	8	5	14.6	16.0	15.0	146	128	75	1.60	2.08	3.05	1,000 bushels	1,000 bushels	1,000 bushels	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
New Jersey.....	32	26	25	6	6	6	10	9	10	14.8	19.0	17.0	141	171	170	1.64	2.75	3.20	1,000 bushels	1,000 bushels	1,000 bushels	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
Pennsylvania.....	79	60	50	12	9	9	21	17	15	15.3	16.0	16.0	286	336	272	1.56	2.81	3.05	1,000 bushels	1,000 bushels	1,000 bushels	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
Ohio.....	929	1,000	82	8	15	15	698	973	930	17.2	18.0	18.5	13,223	16,254	17,175	1.56	2.81	3.05	1,000 bushels	1,000 bushels	1,000 bushels	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
Indiana.....	1,324	1,671	1,000	25	23	25	1,299	1,648	1,025	19.2	20.5	20.5	25,230	28,178	28,178	1.35	2.83	3.20	1,000 bushels	1,000 bushels	1,000 bushels	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
Illinois.....	3,096	3,624	3,841	144	13	56	2,429	3,320	3,722	20.6	23.5	18.0	60,270	78,020	65,196	1.33	2.52	3.35	1,000 bushels	1,000 bushels	1,000 bushels	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
Michigan.....	132	130	90	32	34	6	78	80	76	15.8	15.0	17.0	1,248	1,290	1,292	1.39	2.59	3.30	1,000 bushels	1,000 bushels	1,000 bushels	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
Wisconsin.....	140	67	50	18	6	5	28	33	26	14.3	12.5	13.0	410	412	338	1.46	2.90	3.35	1,000 bushels	1,000 bushels	1,000 bushels	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
Minnesota.....	254	657	962	29	7	42	142	610	920	14.4	17.5	15.0	2,025	10,675	13,800	1.40	2.59	3.25	1,000 bushels	1,000 bushels	1,000 bushels	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
Iowa.....	1,441	1,578	1,846	57	8	50	1,045	1,548	1,754	18.9	23.0	15.0	20,115	35,604	26,310	1.35	2.66	3.25	1,000 bushels	1,000 bushels	1,000 bushels	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
Missouri.....	596	844	959	99	59	67	290	718	825	12.8	20.0	12.0	4,194	14,360	9,900	1.50	2.55	3.20	1,000 bushels	1,000 bushels	1,000 bushels	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
North Dakota.....	8	8	8	1	1	1	5	6	6	10.8	11.0	10.0	57	66	60	1.92	2.61	3.15	1,000 bushels	1,000 bushels	1,000 bushels	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
South Dakota.....	12	21	55	2	1	3	10	19	50	13.7	14.5	11.5	130	276	575	1.65	2.62	3.15	1,000 bushels	1,000 bushels	1,000 bushels	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
Nebraska.....	26	25	35	15	11	12	22	23	32	13.7	21.0	14.5	304	483	464	1.46	2.65	3.15	1,000 bushels	1,000 bushels	1,000 bushels	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
Kansas.....	138	225	241	16	11	11	28	198	222	9.9	11.0	8.5	1,070	2,178	1,897	1.46	2.53	3.20	1,000 bushels	1,000 bushels	1,000 bushels	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
Delaware.....	53	55	60	6	8	8	23	33	42	12.6	15.5	13.0	355	512	546	1.42	2.63	3.20	1,000 bushels	1,000 bushels	1,000 bushels	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
Maryland.....	74	70	79	10	8	8	23	32	34	13.4	14.0	13.0	302	448	442	1.46	2.63	3.20	1,000 bushels	1,000 bushels	1,000 bushels	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
Virginia.....	191	188	202	47	74	67	60	67	95	13.8	16.5	15.0	832	1,106	1,425	1.46	2.68	3.00	1,000 bushels	1,000 bushels	1,000 bushels	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
West Virginia.....	47	24	19	5	3	2	2	1	1	12.4	13.5	14.0	14	14	14	1.80	3.14	3.15	1,000 bushels	1,000 bushels	1,000 bushels	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
North Carolina.....	563	469	484	172	107	72	196	212	261	11.4	13.5	15.0	2,219	2,802	3,915	1.43	2.71	3.60	1,000 bushels	1,000 bushels	1,000 bushels	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
South Carolina.....	77	80	89	31	41	10	16	17	6.9	6.9	10.0	10.0	76	163	170	2.41	3.84	4.20	1,000 bushels	1,000 bushels	1,000 bushels	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
Georgia.....	137	80	82	51	39	36	12	9	14	6.3	7.0	7.0	76	63	98	2.80	4.52	4.60	1,000 bushels	1,000 bushels	1,000 bushels	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
Kentucky.....	184	166	183	28	21	22	42	87	109	13.1	18.0	17.5	583	1,566	1,908	1.50	2.64	3.20	1,000 bushels	1,000 bushels	1,000 bushels	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
Tennessee.....	324	291	310	152	146	150	32	45	60	10.4	18.0	15.5	378	810	930	1.72	2.61	3.20	1,000 bushels	1,000 bushels	1,000 bushels	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
Alabama.....	298	245	197	56	40	32	18	30	41	7.9	16.0	13.0	161	480	738	2.46	3.10	3.30	1,000 bushels	1,000 bushels	1,000 bushels	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
Mississippi.....	517	298	315	210	85	90	69	70	95	10.4	15.0	14.0	806	1,050	1,330	1.90	2.88	3.30	1,000 bushels	1,000 bushels	1,000 bushels	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
Arkansas.....	438	471	464	165	95	93	133	295	283	12.8	18.5	12.0	1,787	5,458	3,398	1.61	2.65	3.05	1,000 bushels	1,000 bushels	1,000 bushels	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
Louisiana.....	349	296	306	259	222	244	24	27	24	12.6	13.0	12.5	305	351	300	1.97	3.01	3.50	1,000 bushels	1,000 bushels	1,000 bushels	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
Oklahoma.....	22	18	21	9	5	5	3	6	11	6.9	6.0	5.5	31	36	60	1.78	2.71	3.30	1,000 bushels	1,000 bushels	1,000 bushels	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
Texas.....	33	6	6	17	4	4													1,000 bushels	1,000 bushels	1,000 bushels	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
United States.....	11,545	12,427	13,054	1,760	1,088	1,157	6,413	9,806	11,125	18.2	20.5	16.3	117,886	201,276	181,362	1.36	2.57	3.28	1,000 bushels	1,000 bushels	1,000 bushels	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars

<sup>1</sup> Acres grown alone, plus one-half the interplanted acres.<sup>2</sup> Plowed under.<sup>3</sup> For data on soybean hay, see table 399.<sup>4</sup> For certain years, prices include an allowance for unredeemed loans at average loan value.

Source: Bureau of Agricultural Economics.

TABLE 191.—Soybeans: Acreage, yield per acre, and production in specified countries, year of harvest, average 1935-39, annual 1944-47

Continent and country	Acreage					Yield per acre					Production				
	Average 1935-39	1944	1945	1946	1947 <sup>1</sup>	Average 1935-39	1944	1945	1946	1947	Average 1935-39	1944	1945	1946	1947 <sup>1</sup>
North America:															
Canada	1,000 acres 3,042	1,000 acres 10,232	1,000 acres 10,661	1,000 acres 9,806	1,000 acres 11,125	1,000 acres 49	1,000 acres 36	1,000 acres 46	1,000 acres 59	1,000 acres 49	Bushels 20.7	Bushels 18.8	Bushels 18.3	Bushels 18.1	Bushels 16.4
United States <sup>2</sup>	1,000 acres 34	1,000 acres 62	1,000 acres 15	1,000 acres 17	1,000 acres 44	1,000 acres 71	1,000 acres 8	1,000 acres 5	1,000 acres 5	1,000 acres 8	Bushels 12.1	Bushels 9.9	Bushels 3.3	Bushels 7.0	Bushels 3.4
Bulgaria	1,000 acres 47	1,000 acres 7	1,000 acres 6	1,000 acres 6	1,000 acres 5	1,000 acres 8	1,000 acres 16.9	1,000 acres 14.7	1,000 acres 8.6	1,000 acres 11.4	Bushels 416	Bushels 908	Bushels 48	Bushels 56	Bushels 90
Hungary	1,000 acres 40	1,000 acres 2	1,000 acres 2	1,000 acres 2	1,000 acres 2	1,000 acres 7	1,000 acres 9.5	1,000 acres 13.4	1,000 acres 15.4	1,000 acres 20.9	Bushels 4125	Bushels 22	Bushels 22	Bushels 32	Bushels 27
Italy	1,000 acres 407	1,000 acres 407	1,000 acres 407	1,000 acres 407	1,000 acres 407	1,000 acres 407	1,000 acres 407	1,000 acres 407	1,000 acres 407	1,000 acres 407	Bushels 45,805	Bushels 45,805	Bushels 45,805	Bushels 45,805	Bushels 45,805
Rumania	1,000 acres 407	1,000 acres 407	1,000 acres 407	1,000 acres 407	1,000 acres 407	1,000 acres 407	1,000 acres 407	1,000 acres 407	1,000 acres 407	1,000 acres 407	Bushels 45,805	Bushels 45,805	Bushels 45,805	Bushels 45,805	Bushels 45,805
U. S. S. R. (Europe and Asia)	1,000 acres 407	1,000 acres 407	1,000 acres 407	1,000 acres 407	1,000 acres 407	1,000 acres 407	1,000 acres 407	1,000 acres 407	1,000 acres 407	1,000 acres 407	Bushels 45,805	Bushels 45,805	Bushels 45,805	Bushels 45,805	Bushels 45,805
Asia:															
Turkey	1,000 acres 41	1,000 acres 10,018	1,000 acres 9,869	1,000 acres 8,546	1,000 acres 7,187	1,000 acres 5	1,000 acres 5	1,000 acres 5	1,000 acres 5	1,000 acres 5	Bushels 29.0	Bushels 26.2	Bushels 9.0	Bushels 16.5	Bushels 10.8
China proper (22 provinces) <sup>3</sup>	1,000 acres 12,411	1,000 acres 8,992	1,000 acres 8,546	1,000 acres 8,167	1,000 acres 7,187	1,000 acres 6,662	1,000 acres 6,662	1,000 acres 6,662	1,000 acres 6,662	1,000 acres 6,662	Bushels 16.7	Bushels 15.3	Bushels 15.6	Bushels 17.1	Bushels 17.9
Manchuria	1,000 acres 3,812	1,000 acres 726	1,000 acres 726	1,000 acres 573	1,000 acres 573	1,000 acres 573	1,000 acres 573	1,000 acres 573	1,000 acres 573	1,000 acres 573	Bushels 15.4	Bushels 13.8	Bushels 9.6	Bushels 13.3	Bushels 13.3
Japan	1,000 acres 3,812	1,000 acres 726	1,000 acres 726	1,000 acres 573	1,000 acres 573	1,000 acres 573	1,000 acres 573	1,000 acres 573	1,000 acres 573	1,000 acres 573	Bushels 15.4	Bushels 13.8	Bushels 9.6	Bushels 13.3	Bushels 13.3
Formosa	1,000 acres 3,812	1,000 acres 726	1,000 acres 726	1,000 acres 573	1,000 acres 573	1,000 acres 573	1,000 acres 573	1,000 acres 573	1,000 acres 573	1,000 acres 573	Bushels 15.4	Bushels 13.8	Bushels 9.6	Bushels 13.3	Bushels 13.3
Korea <sup>4</sup>	1,000 acres 3,812	1,000 acres 726	1,000 acres 726	1,000 acres 573	1,000 acres 573	1,000 acres 573	1,000 acres 573	1,000 acres 573	1,000 acres 573	1,000 acres 573	Bushels 15.4	Bushels 13.8	Bushels 9.6	Bushels 13.3	Bushels 13.3
Netherlands Indies <sup>5</sup>	1,000 acres 3,812	1,000 acres 726	1,000 acres 726	1,000 acres 573	1,000 acres 573	1,000 acres 573	1,000 acres 573	1,000 acres 573	1,000 acres 573	1,000 acres 573	Bushels 15.4	Bushels 13.8	Bushels 9.6	Bushels 13.3	Bushels 13.3
World total <sup>6</sup>	29,100	32,400	31,400	29,700	30,800	5	29,000	26.2	9.0	10.8	404,300	506,100	503,800	512,000	500,500

<sup>1</sup> Preliminary.  
<sup>2</sup> Average of less than 5 years.  
<sup>3</sup> Acreage harvested for beans.  
<sup>4</sup> 1 year only.  
<sup>5</sup> Partly estimated.  
<sup>6</sup> Beginning with 1945, figures represent South Korea only.  
<sup>7</sup> Java and Madura.

<sup>8</sup> Includes estimates for the above countries for which data are not available and for minor producing countries.

Office of Foreign Agricultural Relations. Prepared or estimated on the basis of official statistics of foreign governments, reports of United States foreign service officers, results of office research, or other information. Prewar estimates for countries having changed boundaries have been adjusted to conform to present boundaries, except as noted.

**SOYBEANS**

153

**TABLE 192.—Soybeans for beans: Production and farm disposition, by States, crops of 1946 and 1947**

State	Crop of 1946					Crop of 1947 <sup>1</sup>				
	Production	Used for seed		Fed to live-stock	Sold	Production	Used for seed		Fed to live-stock	Sold
		Total	On farms where grown				Total	On farms where grown		
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
New York.....	128	10	3	74	51	75	10	3	44	28
New Jersey.....	171	45	16	29	126	170	36	13	29	128
Pennsylvania.....	336	90	34	97	205	272	81	32	76	164
Ohio.....	16,264	1,700	1,173	276	14,805	17,575	1,564	1,065	228	16,232
Indiana.....	26,106	2,318	1,623	470	24,013	28,176	2,040	1,428	282	26,466
Illinois.....	78,020	4,993	3,695	234	74,091	65,196	4,443	3,332	196	61,668
Michigan.....	1,290	135	90	84	1,116	1,292	112	78	52	1,162
Wisconsin.....	412	65	32	58	322	338	49	24	41	273
Minnesota.....	10,675	1,091	546	225	9,904	13,800	1,135	624	276	12,900
Iowa.....	35,604	2,400	1,632	356	33,616	26,310	2,016	1,411	316	24,583
Missouri.....	14,360	959	527	72	13,761	9,900	844	464	129	9,307
North Dakota.....	66	9	4	7	55	60	10	5	3	52
South Dakota.....	276	60	27	6	243	575	33	18	12	545
Nebraska.....	483	42	23	7	433	464	37	22	14	428
Delaware.....	2,178	193	116	33	2,029	1,887	149	89	47	1,751
Maryland.....	512	102	71	28	413	546	95	66	22	458
Virginia.....	448	119	71	54	323	442	105	68	53	321
West Virginia.....	1,106	263	144	50	912	1,425	263	145	40	1,240
North Carolina.....	14	32	3	4	7	14	27	3	4	7
South Carolina.....	2,862	629	390	100	2,372	3,915	629	409	137	3,369
Georgia.....	160	64	32	15	113	170	79	40	14	116
Kentucky.....	63	66	16	9	38	98	62	16	15	67
Tennessee.....	1,566	274	165	34	1,367	1,908	274	164	38	1,706
Alabama.....	810	279	126	21	665	930	265	132	23	775
Mississippi.....	480	177	35	5	440	738	172	43	11	684
Arkansas.....	1,050	346	173	65	812	1,330	346	173	106	1,051
Louisiana.....	5,458	418	217	44	5,197	3,396	389	214	34	3,148
Oklahoma.....	351	245	61	56	234	300	257	64	48	188
Texas.....	36	10	3	3	30	60	10	3	3	54
United States.....	201,275	17,137	11,048	2,516	187,711	181,362	15,534	10,178	2,293	168,891

<sup>1</sup> Preliminary.

Bureau of Agricultural Economics. Disposition of the crop specified and not disposition within the marketing year. Estimates of farm disposition represent portions of the crop used or to be used for the designated purposes on farms where produced and do not include purchases by farmers from others for such purposes.

**TABLE 193.—Soybeans: Stocks on and off farms, United States, 1942-48**

Year	On farms				Off farms <sup>1</sup>			
	Jan. 1	Apr. 1	July 1	Oct. 1 <sup>2</sup>	Jan. 1	Apr. 1	July 1	Oct. 1 <sup>2</sup>
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1942.....	8,417	8,417	8,417	3,100	8,417	8,417	8,417	3,100
1943.....	88,246	54,390	13,733	4,555	81,407	61,956	33,642	7,982
1944.....	56,211	39,080	10,606	4,612	109,596	69,484	37,188	9,541
1945.....	42,330	27,773	7,598	2,928	118,814	81,888	38,776	4,810
1946.....	43,267	29,872	6,802	2,118	110,650	68,077	30,306	2,308
1947.....	37,374	25,475	6,389	2,236	117,469	75,292	33,651	3,089
1948 <sup>3</sup> .....	50,964	32,647	4,252	-----	90,595	55,516	27,413	-----

<sup>1</sup> Includes stocks in interior mills, elevators, and warehouses, processing plants, commercial stocks at terminals, and stocks owned by Commodity Credit Corporation in steel and wooden bins.

<sup>2</sup> Includes old crop only.

<sup>3</sup> Preliminary.

Bureau of Agricultural Economics.

TABLE 194.—Soybeans: Supply and distribution, 1942-48  
SUPPLY

Year beginning October—	Stocks at beginning of period <sup>1</sup>						Produce- tion	Total supply
	On farms	Interior mills and elevators	CCC bins	Crushing plants	Terminal markets	Total stocks		
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1942.....	3,100	928	0	1,120	861	6,009	187,524	193,533
1943.....	4,555	668	1,819	4,763	732	12,537	190,133	202,670
1944.....	4,612	1,128	1,876	5,214	1,323	14,153	191,958	206,111
1945.....	2,928	447	0	3,548	815	7,738	192,076	199,814
1946.....	2,118	268	0	1,783	157	4,326	201,275	205,601
1947.....	2,236	244	0	2,813	68	5,361	183,558	188,919
1948.....	1,838	128	0	468	130	2,564	220,201	222,765

## DISTRIBUTION

Year beginning October—	Used for seed	Net exports <sup>2</sup>	Crushed for oil <sup>3</sup>	Used for flour <sup>4</sup>		Feed and residual	Total disappear- ance
				Low fat <sup>5</sup>	Full fat		
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1942.....	20,980	904	133,453	4,645	1,875	23,784	180,996
1943.....	19,758	934	142,307	4,470	1,605	23,913	188,517
1944.....	18,885	5,053	153,402	1,865	910	20,123	198,373
1945.....	16,473	2,812	159,459	8,278	1,061	15,683	195,488
1946.....	17,137	3,842	170,245	9,193	440	8,576	200,240
1947.....	15,534	2,943	161,374	17,119	162	6,342	186,355

<sup>1</sup> Data on stocks (except at crushing plants) not available prior to 1942.<sup>2</sup> Imports negligible.<sup>3</sup> Reported by the Bureau of the Census.<sup>4</sup> Based on trade reports.<sup>5</sup> Included in crushings, as reported by the Bureau of the Census.

Production and Marketing Administration.

TABLE 195.—Soybeans: Receipts graded by licensed inspectors, by grades, United States, 1940-46

Year beginning October—	No. 1	No. 2	No. 3	No. 4	Sample	Total	Percentage grading No. 2 or better
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	Percent
1940.....	555	20,646	22,650	4,182	1,461	49,494	43
1941.....	4,729	18,549	31,292	8,472	4,092	67,134	35
1942.....	12,952	21,488	18,877	14,523	43,043	110,883	31
1943.....	66,525	41,528	13,152	1,831	1,054	124,090	57
1944.....	72,217	47,164	12,754	2,955	1,523	136,613	88
1945.....	99,988	26,873	8,016	2,048	832	137,757	92
1946.....	36,344	57,478	31,101	8,286	1,612	134,821	70

Production and Marketing Administration. The quantity loaded per car varies, but carlot receipts have been converted to bushels on the basis of 1,500 bushels per car for the years 1940-43 and 1,650 bushels for the years 1944-46.

**SOYBEAN CRUSHINGS AND PRODUCTS**

**155**

**TABLE 196.—Soybeans crushed, and production, imports, and exports of soybean oil, cake and meal, United States, 1937-47**

Year beginning October—	Soybeans crushed					Soybean oil, crude basis			Soybean cake and meal		
	Oct.-Dec.	Jan.-Mar.	Apr.-June	July-Sept.	Total	Production	Imports for consumption	Exports	Production	Imports for consumption	Exports
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>
1937.....	7,857	8,932	8,925	6,506	30,310	279,279	3,198	6,656	724	16	27
1938.....	12,526	13,245	11,083	7,794	44,648	416,111	2,487	7,142	1,064	12	62
1939.....	17,002	16,564	12,782	10,336	56,684	533,417	5,040	18,158	1,349	12	20
1940.....	17,600	17,495	15,830	13,131	64,056	564,417	2,834	14,424	1,543	8	25
1941.....	19,238	20,500	18,499	18,894	77,131	706,678	—	20,585	1,845	—	21
1942.....	25,095	38,455	41,236	28,667	133,454	1,206,186	( <sup>1</sup> )	44,101	3,200	—	16
1943.....	30,357	43,274	36,834	31,842	142,306	1,219,453	—	58,757	3,446	—	10
1944.....	32,976	40,839	42,159	37,428	153,402	1,346,704	—	67,154	3,698	( <sup>2</sup> )	1
1945.....	37,788	47,264	40,374	34,033	159,460	1,414,712	( <sup>3</sup> )	73,928	3,837	—	142
1946.....	41,704	49,599	44,252	34,690	170,246	1,531,096	6	91,455	4,086	—	38
1947 <sup>4</sup> .....	41,406	46,205	40,114	33,589	161,374	1,532,676	306	115,118	5,853	—	—

<sup>1</sup> Not necessarily exactly equal to the sum of the quarters, as each quarterly and annual figure is computed directly from original data stated in tons.

<sup>2</sup> Exports, if any, not reported separately prior to January 1939.

<sup>3</sup> Excludes "special imports" entered free of duty for subsequent export.

<sup>4</sup> Less than 500 pounds.

<sup>5</sup> Less than 500 tons.

<sup>6</sup> Preliminary.

Bureau of Agricultural Economics. Crushings and production of oil from reports of the Bureau of the Census, Animal and Vegetable Fats and Oils. Production of soybean cake and meal computed by the Department of Agriculture. Trade figures from Monthly Summary of Foreign Commerce of the United States, and records of the Bureau of the Census.

**TABLE 197.—Soybeans, soybean oil, and meal: Average price at specified markets, 1938-47**

Year beginning October—	Soybeans, per bushel <sup>1</sup>		Oil, domestic, per pound		Meal, per ton	Year beginning October—	Soybeans, per bushel <sup>1</sup>		Oil, domestic, per pound		Meal, per ton
	For crushing, Chicago	Crude, tanks, mid-western mills	Edible, drums, New York	41 percent protein, bagged, Chicago			For crushing, Chicago	Crude, tanks, mid-western mills	Edible, drums, New York	41 percent protein, bagged, Chicago	
	<i>Dollars</i>	<i>Cents</i>	<i>Cents</i>	<i>Dollars</i>			<i>Dollars</i>	<i>Cents</i>	<i>Cents</i>	<i>Dollars</i>	
1938.....	0.85	4.83	7.35	25.98	1943.....	1.90	11.75	15.07	51.91		
1939.....	.96	4.95	7.51	28.90	1944.....	2.20	11.75	15.33	52.00		
1940.....	1.06	7.04	9.90	30.49	1945.....	2.13	11.91	15.96	62.39		
1941.....	1.68	11.22	14.64	41.87	1946.....	3.04	22.86	28.57	81.10		
1942.....	1.72	11.75	14.82	42.80	1947.....	3.80	23.76	29.54	91.61		

<sup>1</sup> No. 2 yellow, bulk, carlots. Beginning 1939, prices are weighted by carlot sales, which are few.

Bureau of Agricultural Economics. Compiled from Chicago Daily Trade Bulletin; Chicago Journal of Commerce; The National Provisioner; Oil, Paint and Drug Reporter; New York Journal of Commerce; and reports of Production and Marketing Administration. Data for earlier years available in 1930 Yearbook, table 299, and Agricultural Statistics, 1940, table 406. Imported oil prices for 1910-31 in 1935 Yearbook, table 280.

TABLE 198.—*Tung nuts: Production, season average price per ton received by growers, and value, 5 States; and tung oil, production and foreign trade, United States, 1939-47*

Year	Tung nuts <sup>1</sup>			Tung oil				
	Production	Price	Farm value	Production	Imports for consumption	Exports	Re-exports	Net imports or net exports
	Tons	Dollars	1,000 dollars	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1939.....	1,160	42.20	49	3,060	78,718	-----	5,911	72,807
1940.....	11,000	60.00	660	62	97,049	-----	4,481	92,568
1941.....	8,750	88.30	773	3,533	43,800	-----	3,102	40,698
1942.....	16,350	91.80	1,501	2,290	8,269	1,017	83	7,169
1943.....	6,200	96.00	614	5,310	68	1,567	30	-1,529
1944.....	26,680	102.00	2,730	2,558	1,771	1,481	86	204
1945.....	37,080	98.90	3,667	10,353	339	1,457	252	-1,370
1946.....	57,400	96.90	5,564	11,046	36,207	493	795	34,919
1947 <sup>2</sup> .....	66,700	73.60	4,909	12,680	121,564	2,143	5,094	114,327

<sup>1</sup> Data on tung nuts in Georgia, Florida, Alabama, Mississippi, and Louisiana.<sup>2</sup> U. S. Department of Commerce, The Tung Oil Monthly, June 1940.<sup>3</sup> Preliminary.

Bureau of Agricultural Economics. Data on tung oil from reports of the Bureau of the Census.

TABLE 199.—*Tung nuts: Production, season average price per ton received by growers, and value, 5 principal States, 1941-47*PRODUCTION <sup>1</sup>

State	1941	1942	1943	1944	1945	1946	1947 <sup>2</sup>
	Tons	Tons	Tons	Tons	Tons	Tons	Tons
Georgia.....	650	950	200	800	1,100	1,800	2,000
Florida.....	2,250	3,700	700	7,000	8,400	15,000	16,000
Alabama.....	350	500	100	700	1,140	1,600	2,000
Mississippi.....	3,700	7,200	1,940	10,630	15,690	23,800	28,000
Louisiana <sup>3</sup> .....	1,800	4,000	3,260	7,550	10,750	15,200	18,700
Total.....	8,750	16,350	6,200	26,680	37,080	57,400	66,700

## SEASON AVERAGE PRICE

	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
Georgia and Alabama <sup>4</sup> .....	93.00	93.90	96.70	97.30	98.10	96.50	75.00
Florida.....	90.00	90.00	93.00	100.00	98.00	96.00	75.00
Mississippi.....	85.00	95.00	100.00	104.00	98.00	102.00	75.00
Louisiana.....	91.00	87.00	100.00	103.00	101.00	90.00	70.00
Average.....	88.30	91.80	99.00	102.00	98.90	96.90	73.60

## FARM VALUE

	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Georgia and Alabama <sup>4</sup> .....	93	136	29	146	220	328	300
Florida.....	202	333	65	700	823	1,440	1,200
Mississippi.....	314	684	194	1,106	1,538	2,428	2,100
Louisiana.....	164	348	326	778	1,086	1,368	1,309
Total.....	773	1,501	614	2,730	3,667	5,564	4,909

<sup>1</sup> Production of unhusked air-dried nuts.<sup>2</sup> Preliminary.<sup>3</sup> Includes small quantities of tung nuts produced in Texas.<sup>4</sup> Prices and values for these 2 States have been combined, to avoid the possibility of disclosing individual mill operations.

Bureau of Agricultural Economics. The Census of Agriculture reported 351,000 tung trees in Southern States in 1930, 12,671,000 tung trees in 1940, and 9,583,000 tung trees in 1945. In addition to the States listed above, the census shows a small production also in Texas and South Carolina. The yield of oil from tung nuts varies from year to year but is usually estimated at around 16 percent of the weight of the nuts. Production and supply of tung oil appear in table 198.

TABLE 200.—*Oleomargarine: Materials used in manufacture, and percentages of total quantity of fats and oils contributed by specified items, United States, 1943-47*

Item	1943		1944		1945		1946		1947	
	Materials used	Percentage of total fats and oils	Materials used	Percentage of total fats and oils	Materials used	Percentage of total fats and oils	Materials used	Percentage of total fats and oils	Materials used	Percentage of total fats and oils
	1,000 pounds	Percent	1,000 pounds	Percent	1,000 pounds	Percent	1,000 pounds	Percent	1,000 pounds	Percent
Oleo oil.....	17,236	3.4	11,938	2.5	8,841	1.8	2,545	0.6	3,298	0.6
Oleostearine.....	3,448	.7	3,079	.6	2,510	.5	2,068	.4	3,700	.6
Lard, neutral.....	10,694	2.1	9,630	2.0	5,786	1.2	2,058	.4	3,146	.5
Oleo stock.....	2,819	.6	2,092	.4	1,304	.3	335	.1	649	.1
Other animal fats <sup>1</sup> .....	512	.1	220	.1	24	(1)	18	(1)	-----	-----
Total animal.....	34,709	6.9	26,959	5.6	18,465	3.8	7,042	1.5	10,793	1.8
Cottonseed oil.....	252,109	50.4	215,008	44.9	253,997	50.9	222,814	47.9	322,553	53.2
Soybean oil.....	198,020	39.6	211,105	44.1	206,642	41.4	200,681	43.1	227,595	37.5
Peanut oil.....	4,564	.9	12,295	2.6	10,215	2.1	13,794	3.0	17,498	2.9
Corn oil.....	5,828	1.2	11,480	2.4	9,174	1.8	6,589	1.4	6,650	1.1
Linseed oil.....	4,280	.9	413	.1	-----	-----	-----	-----	-----	-----
Other vegetable oils <sup>2</sup> .....	281	.1	1,231	.3	138	(1)	67	(1)	131	(1)
Total domestic vegetable.....	465,082	93.1	451,532	94.4	480,166	96.2	443,945	95.4	574,427	94.7
Coconut oil.....	-----	-----	-----	-----	-----	-----	14,508	3.1	21,214	3.5
Sunflower oil.....	-----	-----	1	(1)	6	(1)	-----	-----	-----	-----
Total foreign vegetable.....	-----	-----	1	(1)	6	(1)	14,508	3.1	21,214	3.5
Total fats and oils.....	499,791	100.0	478,492	100.0	498,637	100.0	465,495	100.0	606,434	100.0
Milk.....	104,389	-----	101,642	-----	105,002	-----	96,046	-----	126,209	-----
Salt and other materials.....	22,282	-----	21,783	-----	22,050	-----	20,599	-----	26,838	-----
Total.....	126,671	-----	123,425	-----	127,052	-----	116,645	-----	153,047	-----
Grand total.....	626,462	-----	601,917	-----	625,689	-----	582,140	-----	759,481	-----

<sup>1</sup> Less than 0.05 percent.<sup>2</sup> Includes tallow, lard flakes, and lard stearine.<sup>3</sup> Includes cottonseed stearine, soybean stearine, vegetable stearine, cottonseed flakes, and soya flakes.<sup>4</sup> Used in oleomargarine for export: 14,508,000 pounds in 1946, and 7,751,000 pounds in 1947.

Bureau of Agricultural Economics. Computed from monthly data published in Internal Revenue Bulletin.

TABLE 201.—*Oleomargarine, white: Average wholesale price per pound, Chicago, 1938-47*

Item	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947
Made from:										
Animal fat.....	Cents 14.6	Cents 13.3	Cents 11.8	Cents 13.3	Cents 15.1	Cents 16.4	Cents 16.5	Cents 16.5	Cents 23.5	Cents 37.2
Domestic vegetable oils.....	15.5	14.7	14.8	15.8	19.0	19.0	19.0	19.0	23.0	36.9

Bureau of Agricultural Economics. Compiled from The National Provisioner.



TABLE 202.—*Oleomargarine: Production, withdrawals, and domestic disappearance, United States, 1938-47*

Year	Reported to U. S. Department of Agriculture			Reported to Bureau of Internal Revenue						Domestic disappearance (civilian and military) <sup>5</sup>	
	Production, uncolored and colored <sup>1</sup>			Production			Withdrawals				
	Vegetable oil	Combined animal and vegetable	Total	Un-colored	Colored	Total <sup>2</sup>	Tax-paid for consumption in the United States and Territories	Tax-free for use of the United States Government <sup>3</sup>	Tax-free for export <sup>4</sup>	Total	Per capita
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	Pounds
1938.....	341,326	38,767	380,093	383,702	1,532	385,233	384,291	875	151	384,876	2.9
1939.....	266,946	34,884	301,830	299,412	1,445	300,856	300,314	901	258	300,942	2.3
1940.....	279,317	41,355	320,672	317,952	2,451	320,402	317,736	897	1,174	318,336	2.4
1941.....	313,496	51,713	365,209	362,813	4,774	367,587	363,236	2,105	2,038	363,489	2.7
1942.....	366,865	56,412	423,277	361,262	64,488	425,749	363,707	60,148	3,286	364,000	2.7
1943.....	556,409	53,722	610,131	497,601	116,543	614,144	500,004	110,439	572	502,700	3.7
1944.....	539,237	44,529	583,766	480,607	107,606	588,214	496,037	90,828	1,386	498,200	3.6
1945.....	580,005	33,978	613,983	515,124	98,904	614,028	524,631	74,089	16,747	538,900	3.8
1946.....	554,798	17,854	572,652	514,457	58,063	572,520	532,066	34,297	6,528	537,700	3.8
1947 <sup>6</sup> .....	717,136	21,573	738,709	686,883	59,057	745,940	712,584	9,305	18,508	719,000	5.0

<sup>1</sup> Shown to indicate output of oleomargarine containing animal fat in relation to output of vegetable-oil margarine. Manufacturers' reports to the Bureau of Internal Revenue are required by law; those to the U. S. Department of Agriculture are voluntary.

<sup>2</sup> Total of unrounded monthly figures.

<sup>3</sup> 1938-40 represents purchases for use in Government institutions; 1941-47 also includes purchases for lend-lease export, UNRRA, and American Red Cross and small purchases by the armed forces.

<sup>4</sup> Including withdrawals for shipment to Puerto Rico, Virgin Islands, and other U. S. possessions.

<sup>5</sup> Tax-paid withdrawals for use in the United States and Territories, plus military procurement, plus tax-free withdrawals for use in Government institutions, minus shipments to Alaska and Hawaii.

<sup>6</sup> Preliminary.

Bureau of Agricultural Economics.

TABLE 203.—*Shortening: Production, trade, stocks Dec. 31, and disappearance in the United States, and price at Chicago, 1938-47*

Year	Factory production	Imports for consumption	Exports	Shipments to United States Territories <sup>1</sup>	Factory and warehouse stocks, Dec. 31	Apparent disappearance		Average wholesale price per pound, Chicago
						Total	Per capita	
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	Pounds	Cents
1938.....	1,514,028	1,924	2,255	4,630	55,662	1,499,436	11.5	10.2
1939.....	1,403,551	1,245	3,237	4,655	56,621	1,395,945	10.6	9.3
1940.....	1,190,322	505	3,805	4,923	53,741	1,184,979	8.9	9.1
1941.....	1,409,401	1,447	3,666	6,432	53,338	1,401,153	10.5	13.8
1942.....	1,300,150	364	3,250	7,628	42,648	1,300,326	9.6	17.0
1943.....	1,437,649	8	51,297	8,256	46,258	1,374,494	10.0	17.0
1944.....	1,368,547	(?)	11,930	5,865	43,108	1,348,902	9.7	17.0
1945.....	1,440,859	1	<sup>2</sup> 13,245	7,629	35,535	1,429,551	10.2	17.0
1946.....	1,480,501	2	<sup>3</sup> 13,924	6,343	41,234	1,422,535	10.0	<sup>4</sup> 21.1
1947 <sup>5</sup> .....	1,374,492	1	<sup>3</sup> 10,394	6,671	53,464	1,345,198	9.3	32.2

Footnotes at bottom of page 159.

TABLE 204.—Fats and oils used in the manufacture of shortening, United States, 1940-47

Item	1940	1941	1942	1943	1944	1945	1946	1947 <sup>1</sup>
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Cottonseed oil.....	823,359	888,733	693,564	572,208	489,880	486,791	501,588	299,869
Soybean oil.....	212,317	215,967	335,555	568,405	620,257	683,011	743,527	705,280
Peanut oil.....	22,516	81,905	37,817	50,886	61,249	51,016	42,302	64,512
Corn oil.....	746	62	4,093	6,356	5,393	2,446	3,341	2,625
Linseed oil.....				7,084	300			
Total domestic vegetable <sup>2</sup>	1,058,938	1,186,667	1,071,029	1,204,939	1,177,079	1,223,264	1,290,758	1,072,286
Palm oil.....	33,224	86,486	29,303	852				
Coconut oil.....	17,576	22,069	4,961	3	69	231	17,779	86,522
Sesame oil.....	24	226	2	4	3	30		
Babassu oil.....	381		50	1			2,933	721
Palm-kernel oil.....	1,146	4	<sup>3</sup> 1,179					
Other oils <sup>4</sup> .....	32	93	24,212	4,897	5,559	19,021	4,968	1,168
Total foreign vegetable.....	52,383	108,878	59,707	5,757	5,631	19,282	25,680	88,411
Tallow, edible.....	39,595	41,227	55,777	78,552	59,752	78,835	43,809	44,493
Oleostearine.....	16,940	23,103	30,701	29,726	22,393	24,349	13,155	18,949
Lard <sup>5</sup> .....	16,786	50,787	61,632	36,407	38,729	23,142	20,387	100,635
Oleo oil.....	880	1,282	663	2,660	2,691	2,728	1,391	1,478
Total animal.....	74,201	116,399	148,773	147,345	123,565	129,054	78,742	165,555
Fish oils.....	10,902	6,165	5,750	12,584	2,764	3,433	1,158	
Total fats and oils..	1,196,424	1,418,109	1,285,259	1,370,625	1,309,039	1,375,033	1,396,338	1,326,252

<sup>1</sup> Preliminary.<sup>2</sup> Mostly domestic, but includes some imported cottonseed, soybean, peanut, and corn oils in most years.<sup>3</sup> Includes murumuru-kernel oil and tucum-kernel oil.<sup>4</sup> Includes sunflower oil and miscellaneous vegetable oils. A small percentage of "other oils" may be domestic.<sup>5</sup> Includes rendered pork fat, beginning 1941.

Bureau of Agricultural Economics. Compiled from Bureau of the Census, Animal and Vegetable Fats and Oils. Data for earlier years in Agricultural Statistics, 1941, table 511.

## FOOTNOTES FOR TABLE 203:

<sup>1</sup> Partly estimated. 1942-45 includes Department of Agriculture shipments to United States Territories not reported by Bureau of the Census.<sup>2</sup> Less than 500 pounds.<sup>3</sup> Includes military procurement for relief abroad: 300,000 pounds in 1945; 2,500,000 pounds in 1946; 11,000 pounds in 1947. Includes also in 1947 an estimated 6,801,000 pounds exported in food packages through CARE and other non-governmental agencies.<sup>4</sup> Average for less than 12 months.<sup>5</sup> Preliminary.

Bureau of Agricultural Economics. Compiled as follows: Production and stocks from Bureau of the Census Animal and Vegetable Fats and Oils.

Trade figures from Foreign Commerce and Navigation of the United States, and records of the Bureau of the Census.

Disappearance: Total, computed from data on production, trade, and stocks. Per capita, computed from total disappearance, using population as of July 1, including military personnel.

Price, from reports of the Production and Marketing Administration. Based on products containing from 20 to 50 percent animal fat. 1938-June 1940, quoted in hardwood tubs; beginning July 1940, in 1-pound cartons.

TABLE 205.—*Fats and oils: Production, foreign trade, factory and warehouse stocks, Dec. 31, and disappearance in continental United States, 1938-47*

## ANIMAL FATS AND OILS (INCLUDING MARINE OILS)

Year	Primary fats and oils (crude basis)						Adjusted disappearance, allowing for net exports and stock changes in fat-and-oil products <sup>2</sup>
	Production from domestic materials	Imports plus production from imported materials <sup>1</sup>	Exports and reexports <sup>3</sup>	Shipments to United States Territories <sup>4</sup>	Factory and warehouse stocks, Dec. 31 <sup>5</sup>	Disappearance in continental United States	
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds
1938	5,406	91	223	36	771	5,073	-----
1939	5,870	96	314	41	785	5,569	-----
1940	6,291	50	220	39	991	5,876	-----
1941	6,519	80	410	40	887	6,252	-----
1942	6,728	166	698	41	662	* 6,372	-----
1943	6,981	144	913	46	818	* 5,919	-----
1944	7,246	117	1,019	45	953	* 6,221	-----
1945	5,925	77	602	33	478	* 5,775	-----
1946	5,599	43	490	44	445	* 5,171	-----
1947 <sup>7</sup>	6,433	40	487	40	531	* 6,858	-----

## VEGETABLE OILS

1938	2,369	1,710	39	7	1,563	3,962	-----
1939	2,340	1,703	99	9	1,485	4,013	-----
1940	2,434	1,606	138	8	1,549	3,830	-----
1941	2,814	1,817	162	14	1,385	4,619	-----
1942	3,186	827	129	7	* 1,356	3,916	-----
1943	3,674	781	431	7	1,333	4,046	-----
1944	3,444	873	438	8	1,203	4,001	-----
1945	3,445	828	161	8	1,248	4,061	-----
1946	3,252	771	201	8	821	4,240	-----
1947 <sup>7</sup>	3,511	1,323	236	8	762	4,648	-----

## TOTAL ANIMAL AND VEGETABLE FATS AND OILS

1938	7,774	1,801	261	43	2,334	9,035	8,995
1939	8,211	1,799	413	50	2,269	9,611	9,573
1940	8,725	1,656	358	46	2,540	9,706	9,672
1941	9,333	1,897	572	54	2,272	10,871	* 10,828
1942	9,914	993	827	48	* 2,018	* 10,287	* 10,211
1943	10,656	924	1,344	53	2,151	* 9,965	* 9,781
1944	10,690	990	1,456	53	2,156	* 10,221	* 10,092
1945	9,371	906	853	41	1,762	* 9,386	* 9,688
1946	8,851	815	691	52	1,266	* 9,412	* 9,289
1947 <sup>7</sup>	9,943	1,363	722	48	1,293	* 10,507	* 10,376

<sup>1</sup> Imports for consumption.<sup>2</sup> Reexports include only items imported free of duty or tax (coconut, palm, including palm-kernel, and tung oils), except that in 1943-47, certain quantities of whale, linseed, and sunflower oils reported in imports for consumption are also included.<sup>3</sup> Special programs of the U. S. Department of Agriculture included, 1942-45.<sup>4</sup> Cold-storage stocks of butter, all years; lard, 1938-40.<sup>5</sup> Disappearance of primary fats and oils in continental United States adjusted for fat content of imports, exports, and shipments to U. S. Territories of margarine, shortening, and soap, and changes in stocks of margarine and shortening.<sup>6</sup> Adjusted to allow for changes in cold-storage stocks of butter held by the armed forces, and in U. S. Department of Agriculture stocks of lard in transit to warehouses and ships (these stocks are not included in factory and warehouse stocks).<sup>7</sup> Preliminary.<sup>8</sup> Includes 9,000,000 pounds of dehydrated castor oil (crude basis); these stocks were not reported prior to 1942.<sup>9</sup> Includes procurement for U. S. armed forces, as well as disappearance into civilian trade channels.

Bureau of Agricultural Economics. Compiled as follows: Production, from reports of the Bureau of the Census, U. S. Department of Agriculture, and Fish and Wildlife Service. Foreign trade from Foreign Commerce and Navigation of the United States and records of the Bureau of the Census. Stocks from Bureau of the Census and U. S. Department of Agriculture. Disappearance computed from data on production, foreign trade, and stocks. Totals computed from unrounded numbers.

TABLE 206.—Fats and oils (crude basis): Production and disappearance, 1946; production, foreign trade, stocks Dec. 31, and disappearance, United States, 1947

Item	1946		1947 <sup>1</sup>					Apparent disappearance in continental United States
	Factory production	Apparent disappearance in continental United States	Factory production	Imports for consumption	Exports	Net imports or net exports (—)	Factory and warehouse stocks, Dec. 31	
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Animal and marine fats and oils:								
Butter.....	1,505,000	1,512,000	1,646,000		17,336	-13,565	23,672	1,634,000
Lard, including rendered pork fat.....	2,138,000	1,674,000	2,427,000	2	416,867	-416,865	166,575	1,954,000
Neat's-foot oil.....	1,580	1,826	2,516	71	1,124	-1,053	1,056	1,246
Oleo oil.....	32,759	32,047	52,385		111	-111	2,501	51,471
Oleostearine and oleo stock.....	19,312	19,019	37,076		1,585	-1,585	2,631	34,629
Tallow, edible.....	71,572	67,221	94,985		601	-601	6,333	94,595
Tallow, inedible, and greases excluding wool grease.....	1,658,107	1,676,607	2,023,153	1,119	68,872	-67,753	246,364	1,881,598
Wool grease.....	19,959	18,929	22,190	139		139	7,703	21,448
Fish-liver oil <sup>2</sup> .....	6,775	22,975	6,000	16,978	9,159	7,819	9,802	16,661
Fish oil.....	145,692	130,984	121,436	3,132	10,976	-7,844	56,959	156,730
Marine mammal oil <sup>3</sup> .....	254	16,174	137	14,936	126	14,810	7,808	11,808
Total, animal and marine.....	5,590,000	5,171,000	6,433,000	40,148	526,767	-486,619	531,404	5,858,000
Vegetable oils:								
Babassu oil.....	( <sup>4</sup> )	44,206	14,007	1,747		1,747	42	17,787
Castor oil.....	91,198	95,383	117,189	6,595	3,448	3,147	24,507	115,669
Coconut oil.....	349,042	326,231	800,780	23,559	10,939	-37,380	82,232	784,140
Corn oil.....	198,148	195,415	246,612		366	-366	10,934	253,567
Cottonseed oil.....	965,928	1,184,804	1,117,167	977	12,537	-11,560	275,328	1,110,764
Linseed oil.....	579,899	680,875	455,582	117,326	10,231	93,416	126,499	575,281
Oilteila oil.....		25,245		8,471		8,471	2,156	12,707
Olive oil, edible.....	2,312	11,484	2,761	11,250	137	11,113	987	17,467
Olive oil, inedible.....		680	( <sup>5</sup> )	248	10,67	-67	340	( <sup>6</sup> )
Palm-kernel oils <sup>7</sup> .....	( <sup>8</sup> )	35,234	7,313	2,381		2,381	( <sup>9</sup> )	9,918
Palm oil.....		50,901		63,212	11,660	51,552	23,505	43,153
Peanut oil.....	101,239	115,632	132,104	95	2,176	-2,081	17,587	138,447
Perilla oil.....		81					21	13,33
Rapeseed oil.....	( <sup>10</sup> )	15,047	( <sup>11</sup> )	5,774	20	5,754	6,331	( <sup>12</sup> )
Sesame oil.....		698	4,455	199		199	186	4,610
Soybean oil.....	1,454,339	1,409,305	1,541,984	71	106,760	-109,689	146,208	1,450,024
Tung oil.....	11,046	35,632	12,680	121,564	10,237	114,327	37,777	106,077
Other vegetable oils <sup>13</sup> .....	46,329	13,192	7,175	9,951	11,584	-1,633	7,200	8,530
Total, vegetable.....	3,799,480	4,240,168	4,459,809	373,420	243,843	129,577	761,924	4,648,419
Total, all fats and oils.....	9,399,000	9,412,000	10,893,000	413,568	770,610	-357,042	1,293,328	10,507,000

<sup>1</sup> Preliminary.<sup>2</sup> Total production, including estimated farm output.<sup>3</sup> Includes shipments to U. S. Territories. Lard includes 28 million pounds exported by the Army for relief abroad and 2 million pounds exported in food packages through CARE and other non-governmental agencies.<sup>4</sup> Computed from factory consumption (Bureau of the Census), stocks, and trade; reported factory consumption used to represent domestic disappearance.<sup>5</sup> Total of the following export classifications: Inedible tallow; other animal greases and fats, inedible; hog grease and wool grease; grease stearin; lard oil; and other animal oils, inedible.<sup>6</sup> Production of cod oil, cod-liver oil, shark-liver oil, and other liver oils. Imports of cod oil, cod-liver oil, shark-liver oil, and "fish-liver oil, n.e.s."<sup>7</sup> Whale oil, sperm-whale oil, and seal oil.<sup>8</sup> Included in "Other vegetable oils."<sup>9</sup> Oil equivalent of imported raw material.<sup>10</sup> Includes reexports.<sup>11</sup> Coburn-kernel, murumuru-kernel, palm-kernel, and tucum-kernel oils.<sup>12</sup> Reported factory consumption (Bureau of the Census).<sup>13</sup> Cashew nut shell liquid (oil), sunflower oil, teasead oil, vegetable tallow, and minor domestic vegetable oils, such as hempseed, mustardseed, and walnut oils.<sup>14</sup> Includes shipments of 8,340,000 pounds of edible fats and oils, other than butter and lard, to U. S. Territories; 189,000 pounds of edible oils procured by the Army for relief abroad; and 948,000 pounds of edible oils exported in food packages through CARE and other non-governmental agencies.

Bureau of Agricultural Economics. Compiled as follows:

Production—

Butter and lard, U. S. Department of Agriculture.

Marine-animal oils, reports of Fish and Wildlife Service. Reported in gallons; converted to pounds, using 7.74 pounds per gallon for Atlantic and Gulf coasts and 7.5 for Pacific coast.

All other fats and oils, Bureau of the Census.

Foreign trade and factory and warehouse stocks, Bureau of the Census, except for stocks of butter, U. S. Department of Agriculture, Cold Storage Report. In cases where refined and crude oils are reported separately, figures represent crude oil, plus refined converted to crude basis by dividing by the following factors:

Babassu, corn, cottonseed, palm-kernel, and palm oils, 0.93; coconut, peanut, and soybean oils, 0.94.

Apparent disappearance computed from data on production, trade, and stocks.

TABLE 207.—Fats and oils: Estimated consumption in the drying-oil industries, United States, 1938-47

Item	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947 <sup>1</sup>
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Linseed oil.....	486,528	557,855	586,585	808,641	820,223	757,693	688,373	639,640	668,230	567,536
Castor oil.....	6,043	11,844	24,857	46,295	62,756	24,991	90,037	66,658	38,233	43,501
Fish oil.....	30,653	43,599	46,894	56,539	31,779	34,188	47,178	57,252	46,363	44,946
Soybean oil.....	21,784	33,353	46,260	62,410	33,422	38,974	36,648	45,757	66,925	158,807
Tung oil.....	90,295	105,596	66,937	68,515	<sup>2</sup> 11,830	<sup>2</sup> 12,047	<sup>2</sup> 10,109	22,672	35,632	106,077
Oiticica oil.....	5,301	18,867	15,537	26,785	<sup>2</sup> 9,196	<sup>2</sup> 3,602	10,741	19,389	25,245	12,707
Perilla oil.....	41,894	52,158	19,514	8,575	2,731	1,990	<sup>2</sup> 480	<sup>2</sup> 193	<sup>2</sup> 78	<sup>2</sup> 33
Coconut oil.....	424	710	1,263	920	183	37	32	24	219	509
Cottonseed oil.....	352	243	217	349	507	226	75	181	137	42
Rapeseed oil.....	134	79	88	103	40	29	12	14	4	3
Corn oil.....	118	155	174	883	80	32	23	23	19	8
Palm oil.....	10	6	4	1				1		5
Olive oil, inedible and foots.....	6	14	7	4	3					
Other vegetable oils <sup>1</sup> .....	300	300	300	300	273	678	866	1,927	4,214	4,728
Grease.....	555	497	504	622	609	486	333	294	352	308
Tallow, inedible.....	121	102	155	375	195	25	20	54	60	36
Marine mammal oil.....	33	40	55	36	4	2	5	39	72	44
Neat's-foot oil.....	11	28	28	37	40	43	20	6	15	11
Tallow, edible.....	2	1	1	4	6	5		1		
Lard.....	2	2	9	13	13	10	13	7	23	20
Osle oil.....	2						1	1		
Oleostearine.....		2	6		2					
Tall oil and secondary fatty materials.....						16,529	33,674	38,129	54,457	75,279
Total.....	684,878	825,451	800,395	1,081,407	973,924	891,587	918,649	892,262	940,278	1,014,600

<sup>1</sup> Preliminary.<sup>2</sup> Reported factory consumption in paints, varnishes, linoleum, oilcloth, printing inks, and miscellaneous industrial products.<sup>3</sup> 1938-41, estimated.

Bureau of Agricultural Economics. These estimates include consumption in paints, varnishes, floor coverings, printing inks, core oil, resins, insulation, linings, packings, caulking compounds, oilcloth, and other coated fabrics.

Compiled from reports of the Bureau of the Census and the Fish and Wildlife Service, as follows:

Linseed, castor, fish, soybean, tung, oiticica, and perilla oils: Total apparent domestic disappearance, minus quantities (if any) reported by the Bureau of the Census as used in soap, oleomargarine, and shortening, and minus part of the quantity used in miscellaneous industrial products. Details of the computation are given in the Fats and Oils Situation, July 1948, page 17.

Tall oil and secondary fatty materials: Factory consumption in paints, varnishes, floor coverings, printing inks, core oil, resins, insulation, linings, packings, caulking compounds, oilcloth, and other coated fabrics, as reported by the Bureau of the Census.

Other fats and oils:—Factory consumption in paints, varnishes, floor coverings, oilcloth, and printing inks, as reported by the Bureau of the Census.

TABLE 208.—Fats, oils, and rosin used in the manufacture of soap, United States, 1940-47

Item	1940	1941	1942	1943	1944	1945	1946	1947 <sup>1</sup>
Hard oils (tallow class):	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Slow lathering:								
Tallow, inedible.....	786,456	1,057,303	1,188,923	896,286	1,005,777	952,334	871,968	1,108,909
Whale and fish oils.....	107,911	76,312	72,401	44,972	60,990	114,346	39,714	42,550
Grease.....	256,886	310,487	338,974	463,811	524,156	412,108	338,469	417,360
Palm oil.....	84,834	129,871	55,865	32,621	19,675	24,500	7,417	1,091
Tallow, edible.....	857	4,826	634	4,652	43,761	32,067	6,895	7,087
Oleostearine.....	549	70	483	4,275	211			
Lard <sup>2</sup> .....	645	89	96	74,039	176,266	82,070	744	5,973
Total.....	1,238,038	1,578,958	1,657,376	1,516,656	1,820,746	1,617,422	1,265,207	1,582,870
Quick lathering:								
Coconut oil.....	396,857	484,124	140,487	142,346	131,558	59,353	184,906	511,313
Palm-kernel oil.....	197	1,113	1,028	1,840	1,938	29,967	18,939	( <sup>3</sup> )
Babassu oil.....	41,221	29,753	19,105	25,814	13,006	32,476	35,834	14,581
Total.....	438,275	514,990	160,620	170,000	146,502	121,796	239,679	525,894
Soft oils:								
Secondary fats and oils <sup>4</sup>	170,000	190,000	190,000	269,425	302,343	363,705	334,986	227,847
Olive oil, foots and inedible.....	16,585	10,584	5,188	5,486	2,956	1,987	801	764
Soybean oil.....	17,612	24,737	31,510	15,428	3,258	4,219	3,545	5,375
Cottonseed oil.....	2,971	3,010	2,863	991	586	1,695	522	920
Corn oil.....	3,638	4,948	4,102	831	887	721	299	446
Castor oil.....	1,225	1,976	1,599	878	16,962	1,399	553	9,041
Linseed oil.....	1,489	2,278	4,019	1,697	2,253	915	576	276
Peanut oil.....	387	597	485	256	564	846	7,347	374
Sesame oil.....	38	304	189	70			1	8
Oleo oil.....	127	189	205	2,160	3,243	3,685	3,082	40
Rapeseed oil.....	49	5		1			16	
Olive oil, edible.....	130	84	27	11	83	18	1	4
Nut's-foot oil.....	19	35	19	68	9	7	41	23
Perilla oil.....							3	
Other vegetable oils.....	2,051	1,162	2,487	675	3,164	2,338	448	712
Total.....	216,321	239,909	242,693	297,977	336,308	381,535	352,221	245,830
Total fats and oils.....	1,892,634	2,333,857	2,060,689	1,984,633	2,303,556	2,120,753	1,857,107	2,354,594
Rosin <sup>5</sup> .....	78,410	103,061	97,850	119,804	193,144	121,522	74,694	79,866
Tall oil <sup>6</sup> .....				10,700	29,300	29,300	25,200	16,329
Total saponifiable materials.....	1,971,053	2,436,918	2,158,539	2,115,137	2,526,000	2,272,075	1,957,001	2,450,789

<sup>1</sup> Preliminary.<sup>2</sup> Beginning 1941, includes rendered pork fat.<sup>3</sup> Included in "Other vegetable oils."<sup>4</sup> Inedible animal stearin grease (lard) oil, tallow oil, foots and other soap stock, red oil, stearic acid, and other fatty acids. Before 1943, estimated from total factory consumption of these items; 1943-June 1947, estimated from factory consumption of these items and tall oil in soap.<sup>5</sup> 1940-42 consumption of rosin was reported on a crop year basis (April-March); data are placed in calendar year in which most of the season occurs, i. e., 1942-43 data are placed in the calendar year 1942. 1943-47 data computed from quarterly reports.<sup>6</sup> 1943-June 1947, estimated.

Bureau of Agricultural Economics. Compiled as follows: Fats, oils, and tall oil, Bureau of the Census; rosin, Naval Stores Report, Bureau of Agricultural Economics.

TABLE 209.—*Factory consumption of specified fats and oils, crude basis, by classes of products, and total apparent domestic disappearance, United States, 1945-47*

Products manufactured	Babassu oil			Castor oil <sup>2</sup>			Coconut oil			Corn oil		
	1945	1946	1947 <sup>1</sup>	1945	1946	1947 <sup>1</sup>	1945	1946	1947 <sup>1</sup>	1945	1946	1947 <sup>1</sup>
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
Shortening.....												
Oleomargarine.....												
Other edible products.....												
Soap.....	32,476	35,834	14,581	1,309	553	9,041	59,353	184,906	511,313	721	14	8
Paint and varnish.....				51,948	28,089	32,776	24	219	509	18		
Linoleum and oilcloth.....				1,973	2,500	3,188				5		
Printing inks.....				1,864	756	6,520				62,654		
Fatty acids.....	648			2,819	6,746	6,520	116	99	49	844		
Sulphonated oils.....				12,815	5,675	6,940	6	2	14	11		
Lubricants and greases.....				1,062	422	438	5,073	14,835	32,595	2,030	3,128	3,944
Miscellaneous.....	55	962	459	46,900	30,409	32,715						
Total factory consumption.....	33,179	40,028	15,763	139,223	75,448	92,223	147,283	295,312	730,455	34,129	33,564	72,093
Refining loss.....		2,219	359				8,771	20,204	53,085	17,949	16,439	21,813
Total apparent disappearance.....	34,933	44,206	17,787	164,538	95,383	115,609	195,705	320,231	784,140	206,467	195,415	253,967
	Cottonseed oil			Fish and fish-liver oils			Marine mammal oils			Lard, including rendered pork fat		
Shortening.....	486,791	501,588	299,869	3,433	1,158					23,142	20,387	100,635
Oleomargarine.....	263,997	222,814	322,553			50				5,786	2,058	3,146
Other edible products.....	336,762	300,758	348,108	114,344	39,710	42,540				3,372	4,781	3,720
Soap.....	1,695	522	920	42,356	36,128	34,293	2	4	10	82,070	744	5,973
Paint and varnish.....	114	126	38	6,356	5,788	4,568	6	60	36			
Linoleum and oilcloth.....				9,282	4,209	5	5	12	8			
Fatty acids.....	7	8	4	9,543	8,666	14,621				7	23	20
Sulphonated oils.....	637	824	476	9,124	8,619	8,839	2,716	3,057	1,170			
Lubricants and greases.....	473	727	536	1,511	1,002	1,337	3,916	2,911	2,911	237	222	126
Miscellaneous.....	2,007	2,426	3,421	116,677	82,458	95,397	6,628	3,199	4,17,110	5,852	967	1,353
Total factory consumption.....	1,063,143	1,029,796	975,925	304,266	183,410	201,792	15,533	10,248	21,245	115,466	29,172	114,973
Refining loss.....		89,584	77,088									
Total apparent disappearance.....	1,129,896	1,184,804	1,110,764	294,607	153,559	173,391	14,897	15,920	11,808	1,758,000	1,674,000	1,954,000

See footnotes at end of table, p. 167.



TABLE 209.—*Factory consumption of specified fats and oils, crude basis, by classes of products, and total apparent domestic disappearance, United States, 1945-47—Continued*

Products manufactured	Linsed oil			Neat's-foot oil			Oliveoil oil			Oleo oil		
	1945	1946	1947 <sup>1</sup>	1945	1946	1947 <sup>1</sup>	1945	1946	1947 <sup>1</sup>	1945	1946	1947 <sup>1</sup>
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Shortening.....	915	576	276	7	41	23	13,128	14,952	9,339	1	1	1
Oleomargarine.....	322,052	362,178	349,262	6	6	3	639	2,577	118	2,728	1,391	1,478
Other edible products.....	96,586	96,427	85,699	6	9	8	444	500	143	8,841	2,545	3,298
Paint and varnish.....	3,542	30,346	19,356	6	9	8	444	500	143	604	770	759
Linoleum and oilcloth.....	2,845	1,544	1,264	390	629	549	1,801	2,604	2,032	3,685	3,062	40
Fatty acids.....	125	5	2	245	243	205	13	14	13	13	14	13
Sulphonated oils.....	2,924	643	194	245	243	205	13	14	13	13	14	13
Lubricants and greases.....	66,391	78,270	48,332	* 3,852	* 2,890	* 2,616	16,012	20,633	11,632	52	58	56
Miscellaneous.....	495,880	540,052	504,365	4,539	3,818	3,404	19,389	25,245	12,707	15,924	7,800	5,644
Total factory consumption.....	639,810	680,875	575,251	4,239	1,825	1,246	19,389	25,245	12,707	57,763	32,047	51,471
Refining loss.....												
Total apparent disappearance.....												
Oleostearine												
Olive oil, edible												
Shortening.....	24,349	13,155	18,949	478	167	195	302	193	324	1,034	608	440
Oleomargarine.....	* 3,814	* 2,421	* 2,421	18	1	4	302	193	324	1,034	608	440
Other edible products.....	415	278	557	18	1	4	302	193	324	1,034	608	440
Soap.....												
Paint and varnish.....												
Linoleum and oilcloth.....												
Fatty acids.....												
Sulphonated oils.....												
Lubricants and greases.....	1	7	5	65	45	59	14	50	36			
Miscellaneous.....	272	265	241	65	45	59	14	50	36			
Total factory consumption.....	28,851	16,126	24,101	561	213	258	364	243	360	1,084	608	440
Refining loss.....												
Total apparent disappearance.....	* 29,977	* 19,019	* 34,629	13,076	11,454	17,467	154	123	245	1,813	680	(*)

See footnotes at end of table, p. 167

TABLE 209.—*Factory consumption of specified fats and oils, crude basis, by classes of products, and total apparent domestic disappearance, United States, 1945-47—Continued*

Products manufactured	Palm oil			Palm-kernel oil			Peanut oil			Perilla oil		
	1945	1946	1947 <sup>1</sup>	1945	1946	1947 <sup>1</sup>	1945	1946	1947 <sup>1</sup>	1945	1946	1947 <sup>1</sup>
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Shortening.....												
Oleomargarine.....												
Other edible products.....												
Soap.....	24,550	7,417	1,091	29,967	18,939	( <sup>2</sup> )	13,333	17,498	10,374			
Paint and varnish.....	1		5		16	( <sup>2</sup> )	846	7,347		3		
Linoleum and oilcloth.....										161	73	26
Printing inks.....												
Fatty acids.....							3		3	23	5	7
Sulphonated oils.....	128	147	105	13	5,796		2,595	3,022	1,920	7		
Lubricants and greases.....	19,400,350	19,39,640	19,41,094	262	238	( <sup>2</sup> )	3,460	4,027	3,250	2		
Miscellaneous.....												
Total factory consumption.....	64,979	47,204	42,895	30,281	24,994	( <sup>2</sup> )	81,255	83,763	98,334	193	81	33
Refining loss.....							11,397	10,032	11,577			
Total apparent disappearance.....	71,632	50,901	43,133	11 42,026	11 35,234	( <sup>2</sup> )	111,442	115,632	138,447	13 193	13 81	13 33
	Rapeseed oil			Sesame oil			Soybean oil			Tallow, edible		
			( <sup>2</sup> )									
Shortening.....				30			683,011	743,527	705,280	78,835	43,809	44,493
Oleomargarine.....							200,642	200,681	227,595	24	18	
Other edible products.....				180	338	166	74,487	102,478	159,876	3,865	5,965	6,639
Soap.....		16	8	1		8	4,219	3,545	5,375	32,067	6,895	7,087
Paint and varnish.....		4	3				25,024	30,435	89,491			
Linoleum and oilcloth.....							6	6,508	23,297			
Printing inks.....		5					29	108	1,119	1		
Fatty acids.....							815	3,983	1,577			
Sulphonated oils.....		46	9				1,293	1,517	198			
Lubricants and greases.....		13,657	8,459				405	371	280	202	19	42
Miscellaneous.....		5,405	3,024	549	75	67	34,378	40,557	77,633	1,064	534	486
Total factory consumption.....	19,122	14,046	11,552	759	414	241	1,030,560	1,141,599	1,293,670	116,334	57,442	59,244
Refining loss.....							66,222	77,440	89,184			
Total apparent disappearance.....	18,250	15,047	( <sup>2</sup> )	1,589	698	4,610	1,265,163	1,400,308	1,450,024	116,431	67,221	94,595

See footnotes at end of table, p. 167.

TABLE 209.—*Factory consumption of specified fats and oils, crude basis, by classes of products, and total apparent domestic disappearance, United States, 1945-47—Continued*

Products manufactured	Tallow, inedible and greases, excluding wool-grease			Wool grease			Tung oil			Other vegetable oils		
	1945	1946	1947 <sup>1</sup>	1945	1946	1947 <sup>1</sup>	1945	1946	1947 <sup>1</sup>	1945	1946	1947 <sup>1</sup>
Shortening.....	1,363,924	1,209,539	1,525,747	505	598	422	16,939	25,458	68,968	2,338	3,798	4,627
Oleomargarine.....	57	56	22	12	44	38	2,337	104	5,254	1,912	3,381	4,627
Other edible products.....	149	161	141	130	151	143	156	521	1,397	12	16	8
Paint and varnish.....	277,186	296,560	193,031	4,387	3,457	5,983	3	3	20	411	331	244
Printing inks.....	5,179	7,397	6,633	4,387	3,457	5,983	3	3	20	411	331	244
Subphosphated oils.....	59,716	84,284	65,655	4,387	3,457	5,983	3	3	20	411	331	244
Lubricants and greases.....	11,107,480	11,107,480	11,107,480	8,114	6,798	7,758	2,129	2,810	12,709	4,476	1,984	2,243
Miscellaneous.....	1,838,241	1,676,207	1,881,598	13,148	11,061	14,344	21,569	28,962	88,359	50,994	24,244	15,622
Total factory consumption.....	1,838,241	1,676,207	1,881,598	13,148	11,061	14,344	21,569	28,962	88,359	50,994	24,244	15,622
Refining loss.....	1,838,241	1,676,207	1,881,598	13,148	11,061	14,344	21,569	28,962	88,359	50,994	24,244	15,622
Total apparent disappearance.....	1,838,241	1,676,207	1,881,598	13,148	11,061	14,344	21,569	28,962	88,359	50,994	24,244	15,622

<sup>1</sup> Preliminary.

<sup>2</sup> No. 1, No. 3, and dehydrated (sulphonated excluded). To avoid double counting, the estimated quantity of No. 1 used in the production of dehydrated (sulphonated) products in 1946; 30,566,000 pounds in 1946; and 34,511,000 pounds in 1947 is deducted from the reported factory consumption of No. 1 in miscellaneous products. 113.6 pounds of No. 1 are estimated to be required for production of 100 pounds of dehydrated.

<sup>3</sup> Includes 12,291,000 pounds used for pressing.

<sup>4</sup> Includes 14,933,000 pounds used for pressing.

<sup>5</sup> Includes 750,000 pounds used for pressing in 1945; and 790,000 pounds in 1946.

<sup>6</sup> Includes 101,000 pounds used for pressing in 1945; 46,000 pounds in 1946; and 166,000 pounds in 1947.

<sup>7</sup> Includes oleo stock.

<sup>8</sup> Includes 1,304,000 pounds of oleo stock in 1945; 335,000 pounds in 1946; and 649,000 pounds in 1947.

<sup>9</sup> Includes 1947.

<sup>10</sup> Includes 37,300,000 pounds used in the tin and ternplate industry in 1945; 36,443,000 pounds in 1946; and 37,929,000 pounds in 1947.

<sup>11</sup> Includes cohune-kernel: murumuru-kernel, ouricuri-kernel, and tucum-kernel oils.

<sup>12</sup> Reported factory consumption used to represent total apparent disappearance.

<sup>13</sup> Includes comensed stearine, cottonseed flakes, sunflower oil, soybean stearine, and soybean oil.

<sup>14</sup> Includes 111,784,000 pounds used in pressing in 1945; 82,320,000 pounds in 1946; and 61,458,000 pounds in 1947.

<sup>15</sup> Includes 632,000 pounds used in refining in 1945 and 400,000 pounds in 1946.

<sup>16</sup> Bureau of Agricultural Economics. Compiled as follows:

Factory consumption, from reports of the Bureau of the Census, except oleomargarine from reports of the Bureau of Internal Revenue.

Refining loss is the difference between use of crude oils in refining and production of refined oils.

Total apparent disappearance computed from data on production, trade, and stocks as follows: Production—Lard, U. S. Department of Agriculture. Marine-animal oils, Fish and Wildlife Service. Other fats and oils, Bureau of the Census. Trade and stocks, Bureau of the Census.

TABLE 210.—Use of fats and oils in products for civilian consumption, United States, 1931-47

Year	Butter (actual weight)		Lard, excluding use in oleo- margarine, shortening, and nonfood products		Oleomargarine (fat content)		Shortening		Edible oils <sup>1</sup>		Total food products	
	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita <sup>2</sup>
	Million pounds	Pounds	Million pounds	Pounds	Million pounds	Pounds	Million pounds	Pounds	Million pounds	Pounds	Million pounds	Pounds
1931	2,244	18.0	1,687	13.5	192	1.5	1,163	9.3	599	4.8	5,884	43.6
1932	2,275	18.1	1,799	14.3	166	1.3	936	7.5	567	4.5	5,742	42.2
1933	2,248	17.8	1,759	13.9	197	1.6	944	7.5	657	5.2	5,806	42.5
1934	2,312	18.2	1,637	12.9	214	1.7	1,197	9.4	666	5.2	6,027	43.9
1935	2,195	17.1	1,221	9.5	307	2.4	1,533	12.0	686	5.4	5,942	43.1
1936	2,114	16.4	1,442	11.2	322	2.5	1,580	12.3	732	5.7	6,190	44.8
1937	2,120	16.4	1,358	10.5	326	2.5	1,589	12.3	818	6.3	6,210	44.7
1938	2,148	16.4	1,436	11.0	312	2.4	1,499	11.5	890	6.8	6,285	44.9
1939	2,276	17.3	1,662	12.6	243	1.8	1,396	10.6	946	7.2	6,523	46.2
1940	2,244	16.9	1,901	14.3	256	1.9	1,185	8.9	997	7.5	6,583	46.3
1941	2,104	15.9	1,819	13.7	294	2.2	1,376	10.4	1,092	8.2	6,685	47.3
1942	2,071	15.7	1,723	13.0	296	2.2	1,172	8.9	1,006	7.6	6,268	44.2
1943	1,515	11.7	1,668	13.1	408	3.1	1,270	9.8	819	6.3	5,710	41.8
1944	1,544	12.0	1,633	12.6	404	3.1	1,188	9.2	856	6.6	5,625	41.2
1945	1,401	10.8	1,404	11.5	426	3.3	1,299	10.0	784	6.0	5,404	39.5
1946	1,433	10.3	1,643	11.8	433	3.1	1,407	10.1	872	6.3	5,788	39.5
1947 <sup>3</sup>	1,606	11.2	1,818	12.7	580	4.0	1,338	9.3	997	6.9	6,338	42.0

Year	Soap <sup>4</sup>		Drying-oil products <sup>5</sup>		Other industrial products <sup>4</sup>		Total industrial products		All fat-and-oil products		
	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita	Total weight		Per capita <sup>2</sup>
	Million pounds	Pounds	Million pounds	Pounds	Million pounds	Pounds	Million pounds	Pounds	Including actual weight of butter	Including only fat content of butter	Pounds
1931	1,498	12.0	621	5.0	314	2.5	2,433	19.5	8,317	7,880	63.1
1932	1,462	11.6	480	3.8	309	2.7	2,252	17.9	7,994	7,551	60.1
1933	1,401	11.1	533	4.4	404	3.2	2,358	18.7	8,164	7,725	61.2
1934	1,595	12.5	602	4.7	379	3.0	2,576	20.3	8,603	8,152	64.1
1935	1,428	11.2	721	5.6	525	4.1	2,674	20.9	8,616	8,188	64.0
1936	1,522	11.8	792	6.1	533	4.1	2,845	22.1	9,038	8,626	66.9
1937	1,581	12.2	851	6.6	528	4.1	2,961	22.8	9,171	8,758	67.6
1938	1,587	12.1	685	5.2	439	3.4	2,710	20.7	8,995	8,576	65.6
1939	1,741	13.2	825	6.3	483	3.7	3,050	23.2	9,573	9,129	69.3
1940	1,791	13.5	809	6.1	489	3.7	3,089	23.3	9,672	9,235	69.5
1941	2,173	16.4	1,030	7.8	690	5.2	3,893	29.4	10,578	10,168	76.7
1942	1,858	14.0	870	6.6	659	5.0	3,386	25.6	9,654	9,250	69.9
1943	1,643	12.7	727	5.6	723	5.6	3,093	23.9	8,802	8,507	65.6
1944	1,781	13.8	774	6.0	729	5.6	3,284	25.4	8,909	8,608	66.6
1945	1,604	12.4	747	5.8	763	5.9	3,114	24.0	8,518	8,245	63.5
1946	1,643	11.8	906	6.5	804	5.8	3,352	24.1	9,141	8,861	63.6
1947 <sup>3</sup>	2,143	14.9	973	6.8	807	5.6	3,923	27.3	10,261	9,948	69.3

<sup>1</sup> Mainly salad and cooking oils. Includes all oils and fats (other than butter, lard, oleomargarine, or shorten ing) used in mayonnaise and salad dressing, bakery goods, confectionery, commercial roasting and frying, etc.

<sup>2</sup> Including only the fat content of butter, estimated at 80.5 percent of total weight. <sup>3</sup> Preliminary.

<sup>4</sup> Fat equivalent of soap used in manufactures (rubber, textiles, etc.) is included with "Other industrial products."

<sup>5</sup> Paints, varnishes, floor coverings, oilcloth, printing inks, core oils, synthetic resins, insulation, linings, pack- ings, coated fabrics (other than oilcloth), caulking and other protective coatings.

<sup>6</sup> Revised to exclude use of tall oil.

<sup>7</sup> Revised to include use of fatty acids and other secondary fatty materials.

Bureau of Agricultural Economics. Computed from data given in reports of the Bureau of the Census, Fish and Wildlife Service, and U. S. Department of Agriculture. Totals computed from unrounded numbers.

# PRICES OF FATS AND OILS

169

TABLE 211.—Fats, oils, and glycerine: Wholesale price per pound, average 1935-39, annual 1943-47

Item and market	Average 1935-39	1943	1944	1945	1946	1947
	Cents	Cents	Cents	Cents	Cents	Cents
Butter, 92-score, Chicago <sup>1</sup>	29.3	44.0	41.5	42.3	61.9	70.6
Butter, 92-score, New York <sup>1</sup>	30.2	44.8	42.4	43.1	62.8	71.3
Oleomargarine, domestic vegetable, 1-pound cartons, Chicago	<sup>2</sup> 15.3	19.0	19.0	19.0	23.0	36.9
Shortening, containing animal fat, 1-pound cartons, Chicago <sup>3</sup>	11.4	17.0	17.0	17.0	<sup>4</sup> 21.1	32.2
Shortening, cottonseed, hydrogenated, 10-drum lots, New York		17.8	17.8	17.8	<sup>4</sup> 19.7	32.7
Lard, loose, Chicago	9.8	12.8	12.5	12.8	19.1	22.5
Lard, prime steam, tierces, Chicago	10.2	13.8	13.6	13.8	20.3	23.9
Lard, refined, 1-pound cartons, Chicago <sup>4</sup>	11.3	15.6	15.6	15.6	23.6	25.6
Oleo oil, extra, tierces, Chicago	10.4	<sup>4</sup> 13.0	<sup>4</sup> 13.0	13.0	<sup>4</sup> 18.3	25.7
Oleostearine, barrels, New York <sup>5</sup>	8.7	10.5	10.5	<sup>4</sup> 10.5		<sup>4</sup> 23.2
Tallow, edible, Chicago	7.3	9.9	9.9	9.9	14.0	20.5
Corn oil, crude, tanks, midwestern mills	8.0	12.8	12.8	12.8	15.6	25.7
Corn oil, refined, edible, drums, 1 c. l., New York <sup>5</sup>	10.8	16.2	16.4	16.6	<sup>4</sup> 20.1	32.4
Cottonseed oil, crude, tanks, midwestern mills	7.6	12.8	12.8	12.8	15.8	25.9
Cottonseed oil, prime summer yellow, tank cars, New York	8.8	14.0	14.2	14.3	<sup>4</sup> 17.8	27.7
Cottonseed oil, refined, edible, salad, New York	10.9	16.2	16.2	16.4	<sup>4</sup> 20.3	<sup>4</sup> 33.0
Peanut oil, crude, tanks, mills	8.0	13.0	13.0	13.0	15.9	26.3
Peanut oil, refined, edible (white), drums, New York <sup>6</sup>	11.5	16.5	16.4	16.5	<sup>4</sup> 19.2	33.4
Soybean oil, crude, tank cars, midwestern mills	6.8	11.8	11.8	11.8	14.6	23.3
Soybean oil, edible, drums, 1 c. l., New York <sup>6</sup>	9.5	14.9	15.1	15.4	19.0	29.1
Sunflower oil, semi-refined, tank cars, New York	10.6	14.3	14.3	14.3	<sup>4</sup> 14.3	
Babassu oil, tanks, New York	6.4		11.1	11.1	<sup>4</sup> 11.5	<sup>4</sup> 19.1
Coconut oil, Manila, crude, tanks, f. o. b. Pacific Coast <sup>10 11</sup>	7.3	11.0	11.0	11.0	12.9	20.7
Coconut oil, Ceylon type, crude, tanks, New York <sup>10 12</sup>	7.6	11.8	11.8	11.8	14.1	21.6
Coconut oil, edible, New York <sup>13</sup>	9.6	12.8	12.8	12.8	12.9	25.5
Olive oil, imported, edible, drums, New York <sup>14 15</sup>	26.3	69.4			<sup>16</sup> 96.1	88.7
Olive oil, California, edible, drums, New York <sup>14</sup>		62.1	<sup>4</sup> 60.9	60.7	<sup>4</sup> 59.4	73.6
Olive oil, inedible (denatured), drums, New York <sup>17</sup>	14.0	54.2				
Olive oil, "foots", prime, drums, New York <sup>18</sup>	8.8	19.0			<sup>4</sup> 18.0	
Palm oil, Niger, drums, New York <sup>19</sup>	7.6	11.6				
Palm oil, Congo, crude, bulk, New York		11.4	11.4	11.4	<sup>4</sup> 12.3	
Rapeseed oil, refined, denatured, bulk, c. l. f. New York <sup>20 21</sup>	8.6	11.5	<sup>4</sup> 11.5	<sup>22</sup> 11.6	<sup>4</sup> 14.5	<sup>4</sup> 32.0
Rapeseed oil, blown, drums, New York <sup>21</sup>	11.0					
Teaseed oil, crude, drums, New York	9.8					
Tallow, inedible, prime or extra, carlots, Chicago	6.6	8.6	8.6	8.6	11.2	19.2
Grease, A white, Chicago	6.3	8.8	8.8	8.8	11.3	18.9
Menhaden oil, crude, tanks, Baltimore	4.4	8.8	8.8	8.9	11.1	<sup>4</sup> 18.7
Menhaden oil, light pressed, refined, drums, New York <sup>23</sup>	7.2	12.4	12.6	13.0	15.9	24.9
Sardine oil, crude, tanks, Pacific Coast <sup>24</sup>	4.8	8.9	8.9	8.9	11.6	<sup>4</sup> 22.2
Sperm oil, natural 45°, drums, New York <sup>25</sup>	8.7	12.8	13.1	13.1	<sup>4</sup> 13.1	<sup>4</sup> 26.9
Whale oil, refined, bleached winter, drums, New York	8.7	11.9	12.3	12.3	<sup>4</sup> 12.3	
Cottonseed-oil foots, raw (50 percent t. f. a.) delivered, East <sup>26</sup>	1.8	<sup>4</sup> 3.6	3.6	3.6	<sup>4</sup> 4.6	6.0
Linseed oil, raw, tank cars, Minneapolis	9.2	14.4	14.3	14.3	18.4	32.8
Linseed oil, raw, nonreturnable drums, carlots, New York <sup>27</sup>	9.7	15.6	15.6	15.5	19.9	34.3
Oilteica oil, drums, New York	13.6	26.2	21.9	23.7	26.8	28.9
Perilla oil, drums, New York	10.2	24.5				
Tung oil, drums, New York	16.7	39.0	39.0	39.0	39.1	30.5
Castor oil, No. 3, drums, New York <sup>28</sup>	9.7	13.8	13.8	13.8	17.6	29.8
Castor oil, No. 1, tanks, New York	9.4	13.0	13.0	13.0	<sup>4</sup> 18.1	29.1
Castor oil, dehydrated, drums, New York		<sup>4</sup> 18.4	17.9	17.9	22.1	33.6
Cod-liver oil, med., U.S.P., Norwegian, barrels, New York <sup>29</sup>	11.5	36.5	33.6	32.9	36.8	39.5
Cod oil, Newfoundland, drums, New York <sup>14 15</sup>	5.7	12.0	11.8	11.6	<sup>4</sup> 11.9	<sup>4</sup> 21.6
Glycerine, soaplye, 80 percent basis, tanks, New York	11.1	11.5	11.0	10.7	16.1	31.4

For footnotes see page 170.

TABLE 212.—*Fats and oils: Index numbers of wholesale prices, 1941-47*  
[1935-39=100]

Item	1941	1942	1943	1944	1945	1946	1947
8 domestic fats and oils.....	108	135	144	140	142	201	252
All fats and oils (27 items).....	116	142	151	148	149	205	262
Grouped by origin:							
Animal fats.....	110	133	145	139	142	206	244
Marine animal oils.....	142	164	169	170	170	218	404
Vegetable oils, domestic.....	117	151	157	160	160	197	318
Vegetable oils, foreign.....	144	173	176	177	177	206	295
Grouped by use:							
Butter.....	115	134	146	139	142	209	240
Lard.....	87	124	135	132	135	199	234
Other food fats.....	131	164	164	168	168	205	308
All food fats.....	114	139	149	145	148	208	254
Soap fats.....	124	154	150	150	150	182	297
Drying oils.....	126	156	175	175	174	212	327
Miscellaneous.....	127	152	155	154	154	188	322
All industrial fats and oils.....	124	155	160	160	160	194	311

Bureau of Agricultural Economics. Index numbers for earlier years, beginning 1910, are given in *The Fats and Oils Situation*, January-February 1946.

(Footnotes to Table 211)

<sup>1</sup> 1935-39 prices refer to open market sales only; 1943-47, to all types of wholesale trading for cash or short-time credit.

<sup>2</sup> Average 1936-39.

<sup>3</sup> Hardwood tubs, 1935-39.

<sup>4</sup> Average for less than 12 months.

<sup>5</sup> Loose, March-August 1947; tierces, September-December 1947.

<sup>6</sup> Quoted as refined, drums, September-December 1947; refined, barrels, 1935-39.

<sup>7</sup> Quoted as refined drums, September-December 1947.

<sup>8</sup> Quoted as refined, September-December 1947; domestic, refined, before 1944. Barrels before June 1943.

<sup>9</sup> Quoted as refined before 1939 and after August 1947.

<sup>10</sup> Prices as originally quoted have been adjusted to include the 3-cents-per-pound tax on first domestic processing.

<sup>11</sup> C. i. f. bulk, 1943-October 1946.

<sup>12</sup> Manila type, 1935-41. Atlantic ports, type unspecified, after April 1947.

<sup>13</sup> Tanks before 1942. Quoted as Cochintype, refined, in 1947. January-May 1947, 1 cent per pound added to original quotations, which were for oil in tankcars.

<sup>14</sup> Converted from price per gallon on the basis of 7.5 pounds per gallon.

<sup>15</sup> Barrels, 1935-39.

<sup>16</sup> Average, July-December.

<sup>17</sup> Barrels, 1935-39; converted from dollars per gallon at the rate of 7.5 pounds per gallon.

<sup>18</sup> Barrels, before September 1939.

<sup>19</sup> Casks, 1935-39.

<sup>20</sup> Barrels, 1935-39; drums, carlots, January-April 1947; tanks, October-December 1947.

<sup>21</sup> An excise tax of 4.5 cents per pound on imports of rapeseed oil became effective Aug. 21, 1936; but on July 1, 1938, rapeseed oil for use in rubber substitutes or lubricating oil was exempted from the tax. Since these are the major uses of rapeseed oil in the United States, the prices shown here are exclusive of tax after June 1938.

<sup>22</sup> C. i. f. New Orleans.

<sup>23</sup> Drums, carlots, 1935-November 1944; less than carlots, beginning December 1944.

<sup>24</sup> 1935-39, converted from price per gallon on the basis of 7.5 pounds per gallon.

<sup>25</sup> Quoted as natural before May 1943.

<sup>26</sup> Quoted as soap stock, 50 percent f. f. a., f. o. b. consuming point before March 1943.

<sup>27</sup> Barrels, 1935-39. 1943-April 1945, 0.5 cent per pound added to original quotations, which were for oil in returnable drums.

<sup>28</sup> Barrels before July 1946.

<sup>29</sup> Converted from price per barrel on the basis of 230.4 pounds per barrel.

Bureau of Agricultural Economics. Compiled from Oil, Paint, and Drug Reporter; The National Provisioner; The Journal of Commerce (New York); Chicago Journal of Commerce, and reports of the Production and Marketing Administration and the Bureau of Labor Statistics. Excise taxes and duties are included where applicable.

## CHAPTER IV

### STATISTICS OF FRUITS, VEGETABLES, MELONS, TREE NUTS, AND BEVERAGE CROPS

These crops are arranged in four groups within the chapter: fruits and berries; vegetables and melons; tree nuts; and beverage crops (coffee, tea, and cacao beans). Summary tables on inspections, unloads, and cold-storage holdings of both fruits and vegetables are near the end of the chapter.

Tables on canned orange juice, sweetpotato production and disposition, an international trade table on apples, and a table on supply and distribution of tree nuts, have been added this year.

#### Fruits

Estimates of fruit production pertain to the harvested crop and for some years include quantities not harvested because of low prices or other economic factors. Losses from natural causes, such as windstorms, freezes, etc., are not included in production. Production relates to the total crop produced on farms, including commercial and home production, except for apples and strawberries for which the production relates to commercial areas only. The annual estimates are checked and adjusted at the end of each marketing season on the basis of shipment and processing records from transportation agencies, processors, cooperative marketing associations, and other industry organizations.

The estimates are reviewed (and revised if necessary) at 5-year intervals, when census data show the numbers of trees and harvested production of fruits by kinds, in each State and county. The estimates for census years do not always agree with census data because of allowances for economic abandonment and the varying degree of completeness in the census data. Census data are more likely to be incomplete for types of crops which occur only infrequently in any locality. However, the Department's available statistics are limited to the major tree fruits and nuts and to grapes, cranberries, and strawberries.



TABLE 213.—Production <sup>1</sup> of 18 fruits in tons, United States, 1929-47

Year	Apples		Peaches	Pears	Grapes	Cherries	Plums	Prunes (fresh basis)	Apricots	Figs (fresh basis)	Olives. California
	All	Com- mercial crop <sup>2</sup>									
1929	3,242	1,089	535	2,086	98	44	522	220	61	21	20
1930	3,759	1,353	668	2,458	122	90	855	198	74	21	20
1931	4,930	1,868	623	1,647	126	72	685	281	58	16	16
1932	4,823	1,059	603	2,233	145	74	587	273	64	22	22
1933	3,567	1,107	591	1,939	136	62	587	271	71	17	14
1934	3,077	2,544	1,166	693	1,958	138	68	598	154	79	18
1935	4,196	3,370	1,331	642	2,477	146	54	852	228	84	32
1936	2,804	2,353	1,170	673	1,897	124	68	568	257	72	27
1937	4,835	3,676	1,441	721	2,726	148	71	714	324	100	28
1938	3,011	2,537	1,294	781	2,671	144	66	854	185	107	45
1939		3,342	1,541	721	2,449	184	77	673	332	88	23
1940		2,674	1,388	730	2,466	173	74	543	127	112	69
1941		2,933	1,809	719	2,725	162	77	583	214	121	55
1942		3,041	1,601	746	2,396	197	76	542	228	103	57
1943		2,095	1,026	593	2,965	116	78	625	104	134	57
1944		2,910	1,877	773	2,712	196	96	507	352	125	42
1945		1,603	1,957	812	2,781	149	73	711	192	113	30
1946		2,866	2,079	848	3,160	230	106	688	339	129	48
1947 <sup>3</sup>		2,713	1,982	868	3,072	173	78	597	198	131	40

Year	Avoca- dos	Oranges (exclud- ing Florida tan- gerines)	Tange- rines, Florida	Grape- fruit	Lemons, Calif- ornia	Limes, Florida	Cran- berries	Straw- berries, com- mercial crop	18 fruits	
									Including all apples	Including apples in com- mer- cial areas only
1929	.8	1,181	38	435	232	.3	.28	232	10,065	-----
1930	2.8	2,017	108	731	302	.3	.29	165	12,952	-----
1931	3.4	1,808	90	588	292	.4	.33	207	13,328	-----
1932	3.1	1,893	86	581	255	.4	.29	236	11,666	-----
1933	4.7	1,747	90	561	277	.5	.35	219	11,279	-----
1934	11.3	2,337	90	820	408	.6	.22	188	11,826	-----
1935	6.2	1,919	94	693	296	.5	.26	195	13,262	-----
1936	6.8	2,019	135	1,197	288	1.8	.25	162	11,495	-----
1937	7.3	2,776	104	1,198	354	2.8	.44	195	15,789	-----
1938	17.0	2,962	153	1,698	422	3.8	.24	180	14,618	-----
1939	10.0	2,850	108	1,359	455	3.8	.35	212	-----	14,463
1940	15.5	3,213	122	1,669	655	3.2	.29	222	-----	14,285
1941	19.8	3,394	94	1,564	463	6.0	.36	225	-----	15,200
1942	17.7	3,539	189	1,979	588	7.0	.41	232	-----	15,580
1943	25.9	4,293	162	2,191	436	7.6	.34	116	-----	15,058
1944	15.3	4,514	180	2,034	496	10.0	.19	79	-----	16,937
1945	22.4	4,213	189	2,485	571	8.0	.33	94	-----	16,036
1946	16.0	4,767	212	2,330	545	6.8	.43	126	-----	18,539
1947 <sup>3</sup>	15.5	4,665	180	2,427	508	6.8	.40	160	-----	17,854

<sup>1</sup> For some crops in certain years, production includes some quantities unharvested on account of economic conditions. Apples, peaches, pears, citrus fruit, cranberries, and strawberries, which are estimated in units other than tons, are converted to equivalent tons in this table.

<sup>2</sup> Estimates of the commercial crop refer to the total production of apples in the commercial apple areas of each State.

<sup>3</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1919-28 in Agricultural Statistics, 1944, table 188.

# APPLES

173

TABLE 214.—Apples: Production, value, and foreign trade, United States, 1929-47

Year	Apples, total crop				Apples, commercial crop <sup>2</sup>				Foreign trade, year beginning July <sup>3</sup>					
	Total production	Production having value <sup>1</sup>	Season average price per bushel received by farmers	Farm value	Total production	Production having value <sup>1</sup>	Season average price per bushel received by farmers	Farm value	Domestic exports			Imports, fresh and dried, in terms of fresh	Net exports in terms of fruit <sup>7</sup>	
									Fresh <sup>5</sup>	Dried, in terms of fresh <sup>6</sup>	Canned, in terms of fresh			
	1,000 bushels	1,000 bushels	Dollars	1,000 dollars	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels				1,000 bushels	1,000 bushels	1,000 bushels
1929	186,433	135,102	1.39	187,792	131,843	131,843	.98	91,067	10,279	3,466	836	312	14,269	
1930	199,929	136,623	1.03	161,077	97,265	97,265	1.72	94,797	20,340	5,559	640	105	26,437	
1931	205,404	203,304	.64	129,230	188,025	188,025	1.04	191,023	18,030	4,602	695	82	23,246	
1932	146,809	142,589	.61	86,886	135,719	135,719	.82	98,447	13,754	5,690	748	6	20,186	
1933	148,640	144,040	.79	113,908	165,718	165,718	.83	106,808	12,261	6,297	439	* 13	18,985	
1934	128,233	126,858	.89	112,308	106,005	104,757	.89	91,067	8,062	3,571	561	28	12,166	
1935	174,407	164,778	.73	120,066	140,398	131,843	.73	94,797	12,239	5,032	900	5	18,106	
1936	116,827	115,910	1.04	121,028	98,025	97,265	1.04	101,023	6,755	3,343	503	36	10,564	
1937	201,459	185,906	.67	123,818	153,169	141,035	.67	90,757	10,958	4,092	497	5	15,511	
1938	125,440	121,249	.83	100,808	105,718	101,850	.82	83,851	12,071	5,112	625	47	17,761	
1939	160,093				139,247	124,729	.64	80,113	3,216	2,490	538	107	6,137	
1940					111,436	106,811	.80	85,283	3,897	514	29	588	4,822	
1941					122,217	119,642	.96	114,796	1,730	2,397	73	11	4,089	
1942					136,707	118,368	1.37	101,850	435	1,611	24	641	1,529	
1943					87,310	87,310	2.39	268,775	317	2,468	157	178	2,764	
1944	155,908	139,246			121,266	119,225	2.21	283,781	1,287	1,665	21	2,396	575	
1945					66,796	66,796	3.01	201,041	1,310	615	47	2,267	1,705	
1946					119,410	118,901	2.46	292,757	5,179	1,630	111	1,005	5,915	
1947					113,041	108,534	1.78	193,044					5,195	

<sup>1</sup> Differences between "total production" and "production having value" consist of fruit not harvested on account of economic conditions and/or harvested but not utilized because of abnormal cullage.

<sup>2</sup> Estimates of the commercial crop refer to the total production of apples in the commercial apple areas of each State. Since 1938, official estimates of apple production have been restricted by law to the commercial crop. Statistics compiled from Monthly Summary of Foreign Commerce of the United States, January and June issues, and official records of the Department of Commerce.

<sup>3</sup> Dried and canned are converted to terms of fresh apples on following basis: 1 pound of dried is equivalent to about 7 pounds fresh through 1942 (beginning 1943, 1 pound dried is equivalent to 8 pounds fresh); 1 pound of canned is

equivalent to about 2 pounds fresh; 48 pounds fresh equal 1 bushel. No re-exports reported.

<sup>4</sup> Excludes apple waste.

<sup>5</sup> Beginning January 1933, includes apple waste, not separately reported prior to this date.

<sup>6</sup> Total exports (domestic plus foreign) minus imports. Beginning 1933, domestic exports minus imports for consumption.

<sup>7</sup> Beginning 1933, imports for consumption.

<sup>8</sup> Preliminary.

Bureau of Agricultural Economics. Italic figures are census returns of harvested production. Data for 1909-28 in Agricultural Statistics, 1944, table 189.

TABLE 215.—Apples, commercial crop<sup>1</sup>: Production by varieties, by States and areas, 1946 and 1947

Variety	New England		New York		New Jersey		Pennsylvania		Total North Atlantic States		Virginia	
	1946	1947 <sup>2</sup>	1946	1947 <sup>2</sup>	1946	1947 <sup>2</sup>	1946	1947 <sup>2</sup>	1946	1947 <sup>2</sup>	1946	1947 <sup>2</sup>
Summer:	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
Gravenstein.....	75	150			59	19			134	169		
Other summer.....	112	146	907	451	238	155	171	132	1,428	884	389	155
Fall:												
Grimes Golden.....					119	77	300	265	419	342	519	330
Jonathan.....					59	39	685	397	744	436	389	125
Wealthy.....	244	220	1,058	602	89	77	257	198	1,648	1,097		
Other fall.....	55	68	635	451	149	97	214	198	1,023	814	519	280
Winter:												
Baldwin.....	678	1,449	1,058	2,106	59	116	171	331	1,966	4,002		
Ben Davis and Gano.....	50	46	756	752			171	132	977	930	519	255
Black Twig (Paragon).....					89	19	300	191	389	210	519	150
Cortland.....	291	362	1,360	1,354			171	198	1,822	1,914		
Delicious.....	276	336	605	602	267	174	685	397	1,833	1,509	1,427	455
Golden Delicious.....	31	31			149	155	300	265	480	451	389	291
McIntosh.....	2,482	3,315	3,930	4,063	178	213	257	331	6,847	7,922		
Northern Spy.....	209	280	756	903			86	66	1,051	1,249		
R. I. Greening.....	76	130	1,965	2,106	30	19	10	7	2,081	2,262		
Rome Beauty.....	26	28	1,058	602	653	388	1,114	860	2,851	1,878	130	50
Stayman.....	11	13			624	272	2,399	1,322	3,034	1,607	1,687	515
Winesap.....					59	19	86	66	145	85	2,076	683
Yellow Newtown.....											519	280
York Imperial.....					30	19	1,028	1,124	1,058	1,143	3,633	1,378
Other winter.....	271	317	1,058	1,053	119	77	163	132	1,611	1,579	260	125
Total.....	4,887	6,891	15,116	15,045	2,970	1,935	8,508	6,612	31,541	30,483	12,975	5,072

Variety	West Virginia		North Carolina		Maryland and Delaware		Total South Atlantic States		Ohio		Illinois	
	1946	1947 <sup>2</sup>	1946	1947 <sup>2</sup>	1946	1947 <sup>2</sup>	1946	1947 <sup>2</sup>	1946	1947 <sup>2</sup>	1946	1947 <sup>2</sup>
Summer:	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
Gravenstein.....												
Other summer.....	205	85	12	8	211	119	817	367	118	122	322	500
Fall:												
Grimes Golden.....	455	310	25	23	139	95	1,138	758	211	182	250	307
Jonathan.....	205	141	12	8	85	36	691	310	305	425	858	1,000
Wealthy.....					106	44	106	44	117	122	71	87
Other fall.....	203	141	75	31	66	48	865	500	24	61	36	84
Winter:												
Baldwin.....									141	577		
Ben Davis and Gano.....	150	121	25	15	27	16	721	407	24	30	71	100
Black Twig (Paragon).....	150	56	63	23	222	88	954	317				
Cortland.....									(4)	40		
Delicious.....	408	254	250	115	252	111	2,334	935	141	213	322	335
Golden Delicious.....	205	85	137	77	81	49	812	502	118	122	286	440
McIntosh.....									94	122		
Northern Spy.....									24	30		
R. I. Greening.....									24	30		
Rome Beauty.....	355	225	63	61	175	89	723	425	540	456	71	84
Stayman.....	710	225	237	215	515	209	3,149	1,164	211	182	36	50
Winesap.....	100	65	87	39	45	20	2,308	807			107	100
Yellow Newtown.....												
York Imperial.....	1,775	1,027	25	15	438	270	5,871	2,690	47	30		
Other winter.....	155	85	237	138	192	78	844	426	211	294	1,143	1,100
Total.....	5,075	2,820	1,248	768	2,554	1,272	21,852	9,932	2,350	3,038	3,573	4,187

See footnotes at end of table.

APPLES

175

TABLE 215.—Apples, commercial crop<sup>1</sup>: Production by varieties, by States and areas, 1946 and 1947—Continued

Variety	Michigan		Missouri		Other Central States <sup>2</sup>		Total Central States		Idaho		Colorado	
	1946	1947 <sup>3</sup>	1946	1947 <sup>3</sup>	1946	1947 <sup>3</sup>	1946	1947 <sup>3</sup>	1946	1947 <sup>3</sup>	1946	1947 <sup>3</sup>
Summer:	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
Gravenstein.....	455	300	62	116	350	421	1,307	1,459	12	21	22	30
Other summer.....												
Fall:												
Grimes Golden.....	362	255	49	117	287	335	1,159	1,196	12	21	33	40
Jonathan.....	1,735	1,150	418	436	815	898	4,131	3,909	260	519	418	500
Wealthy.....	546	385	12	34	470	364	1,216	992			11	16
Other fall.....	132	120	25	31	107	207	324	503	6	10	11	20
Winter:												
Baldwin.....	295	510			12	30	448	1,117				
Ben Davis and Gano.....	113	115	98	116	192	242	498	603	6		44	227
Black Twig (Paragon).....					10	18		18				
Cortland.....					70	72	70	112				
Delicious.....	405	460	148	165	307	404	1,323	1,577	420	520	121	220
Golden Delicious.....	120	120	98	202	310	518	932	1,402	6	10		
McIntosh.....	1,155	1,020			262	230	1,511	1,372				
Northern Spy.....	812	775			12	15	848	820				
R. I. Greening.....	217	135			5	5	246	170				
Rome Beauty.....					193	194	804	734	388	693	198	235
Stayman.....	80	50	49	79	243	273	619	634	6	21		
Winesap.....			86	106	233	272	426	478	80	125	198	220
Yellow Newtown <sup>4</sup> .....												
York Imperial.....			62	70	87	92	196	192				
Other winter.....	1,133	1,005	123	158	309	349	2,919	2,906	37	125	44	60
Total.....	7,560	6,400	1,230	1,630	4,274	4,939	18,987	20,194	1,233	2,075	1,100	1,568

Variety	Washington		Oregon		California		Other Western States <sup>5</sup>		Total Western States		Total 35 States	
	1946	1947 <sup>3</sup>	1946	1947 <sup>3</sup>	1946	1947 <sup>3</sup>	1946	1947 <sup>3</sup>	1946	1947 <sup>3</sup>	1946	1947 <sup>3</sup>
Summer:	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
Gravenstein.....			75	43	2,677	4,211			2,752	4,254	2,886	4,423
Other summer.....	33	34	8	7	76	111	25	23	176	226	3,728	2,936
Fall:												
Grimes Golden.....							29	12	74	73	2,790	2,369
Jonathan.....	2,126	1,975	61	71	230	332	262	297	3,357	3,694	8,925	8,349
Wealthy.....							10	9	21	25	2,901	2,158
Other fall.....	65	67	15	15	688	665	36	19	821	796	3,033	2,613
Winter:												
Baldwin.....											2,414	5,119
Ben Davis and Gano.....							82	76	132	313	2,328	2,253
Black Twig (Paragon).....							48	30	48	30	1,401	575
Cortland.....											1,892	2,026
Delicious.....	17,009	17,912	763	803	459	776	300	260	19,072	20,491	24,562	24,512
Golden Delicious.....	785	603							791	613	3,015	2,968
McIntosh.....	65	67					19	205	84	272	8,442	9,566
Northern Spy.....											1,899	2,060
R. I. Greening.....											2,327	2,432
Rome Beauty.....	2,028	1,908	80	85	382	554	234	185	3,310	3,660	7,688	6,697
Stayman.....	327	435					48	56	381	512	7,183	3,917
Winesap.....	9,519	9,810	49	40	153	222	124	97	10,123	10,514	13,002	11,884
Yellow Newtown <sup>4</sup> .....	491	368	1,398	1,312	1,912	2,881			3,801	4,561	4,320	4,841
York Imperial.....							19	6	19	6	7,144	4,031
Other winter.....	262	301	521	458	1,071	1,330	133	88	2,068	2,392	7,442	7,303
Total.....	32,710	33,480	2,970	2,864	7,648	11,062	1,360	1,363	47,030	52,432	119,410	113,041

<sup>1</sup> Estimates of the commercial crop refer to the total production of apples in the commercial apple areas of each State.

<sup>2</sup> Preliminary. <sup>3</sup> Albemarle Pippin synonymous with Yellow Newtown. <sup>4</sup> Included in "other winter."

<sup>5</sup> Indiana, Wisconsin, Minnesota, Iowa, Nebraska, Kansas, Kentucky, Tennessee, and Arkansas.

<sup>6</sup> Montana, New Mexico, and Utah.

Bureau of Agricultural Economics.

TABLE 216.—Apples, commercial crop<sup>1</sup>: Production and season average price per bushel received by farmers, by States, average 1936-45, annual 1945-47

Area and State	Production <sup>2</sup>				Price for crop of—			
	Average 1936-45	1945	1946	1947 <sup>3</sup>	Average 1936-45	1945	1946	1947 <sup>3</sup>
<b>Eastern States:</b>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
North Atlantic:								
Maine.....	643	149	767	930	1.56	4.35	3.20	2.80
New Hampshire.....	730	175	456	838	1.62	4.31	3.25	2.40
Vermont.....	601	144	424	479	1.66	4.31	3.15	2.60
Massachusetts.....	2,465	465	2,000	2,864	1.58	4.02	3.15	2.25
Rhode Island.....	238	68	129	187	1.63	4.07	3.15	2.55
Connecticut.....	1,314	467	1,111	1,273	1.72	4.31	3.20	2.65
New York.....	14,700	2,160	15,116	15,045	1.50	3.85	2.35	1.45
New Jersey.....	2,887	1,575	2,970	1,935	1.53	3.58	2.60	2.10
Pennsylvania.....	7,853	2,375	8,568	6,612	1.47	3.77	2.50	1.90
<b>Total.....</b>	<b>31,460</b>	<b>7,578</b>	<b>31,541</b>	<b>30,483</b>	<b>1.51</b>	<b>3.84</b>	<b>2.54</b>	<b>1.83</b>
<b>South Atlantic:</b>								
Delaware.....	897	258	682	334	1.30	2.97	2.05	1.85
Maryland.....	1,727	702	1,872	938	1.30	3.02	2.10	1.85
Virginia.....	10,196	3,800	12,975	5,072	1.34	3.27	1.95	1.55
West Virginia.....	4,125	1,998	5,075	2,820	1.22	3.23	2.30	1.90
North Carolina.....	1,011	194	1,248	768	1.22	2.77	2.25	2.20
<b>Total.....</b>	<b>17,956</b>	<b>6,952</b>	<b>21,852</b>	<b>9,932</b>	<b>1.30</b>	<b>3.21</b>	<b>2.07</b>	<b>1.74</b>
<b>Total Eastern States.....</b>	<b>49,417</b>	<b>14,530</b>	<b>53,393</b>	<b>40,415</b>	<b>1.42</b>	<b>3.54</b>	<b>2.35</b>	<b>1.81</b>
<b>Central States:</b>								
North Central:								
Ohio.....	4,379	780	2,350	3,038	1.48	3.64	2.80	1.90
Indiana.....	1,399	730	1,174	1,489	1.51	3.09	2.80	2.05
Illinois.....	2,908	2,332	3,573	4,187	1.59	2.95	2.70	1.75
Michigan.....	7,132	1,220	7,560	6,400	1.37	3.38	2.10	1.35
Wisconsin.....	647	316	996	790	1.49	3.60	2.00	2.10
Minnesota.....	189	117	65	272	1.50	3.36	2.70	2.20
Iowa.....	201	58	124	108	1.75	3.91	2.60	2.50
Missouri.....	1,263	882	1,230	1,630	1.57	3.10	2.65	2.10
Nebraska.....	233	39	68	88	1.70	3.19	2.90	2.30
Kansas.....	638	324	514	755	1.65	3.08	2.85	2.25
<b>Total.....</b>	<b>18,989</b>	<b>6,828</b>	<b>17,654</b>	<b>18,766</b>	<b>1.44</b>	<b>3.19</b>	<b>2.42</b>	<b>1.74</b>
<b>South Central:</b>								
Kentucky.....	274	220	278	276	1.32	2.51	2.45	2.30
Tennessee.....	337	405	378	396	1.48	2.47	2.55	2.40
Arkansas.....	616	269	677	756	1.33	2.61	2.40	1.25
<b>Total.....</b>	<b>1,227</b>	<b>894</b>	<b>1,333</b>	<b>1,428</b>	<b>1.36</b>	<b>2.52</b>	<b>2.45</b>	<b>1.82</b>
<b>Total Central States.....</b>	<b>20,216</b>	<b>7,722</b>	<b>18,987</b>	<b>20,194</b>	<b>1.44</b>	<b>3.12</b>	<b>2.43</b>	<b>1.74</b>
<b>Western States:</b>								
Montana.....	281	241	50	238	1.34	2.80	3.00	1.95
Idaho.....	2,447	2,299	1,233	2,075	1.34	3.05	2.80	1.30
Colorado.....	1,598	1,275	1,100	1,568	1.26	2.99	2.30	1.95
New Mexico.....	710	500	955	620	1.42	3.04	2.90	2.30
Utah.....	470	486	364	505	1.39	2.80	2.70	2.00
Washington.....	26,955	26,530	32,710	33,480	1.52	3.04	2.80	2.05
Oregon.....	2,988	2,645	2,970	2,864	1.34	2.84	2.50	1.57
California.....	7,814	10,568	7,648	11,082	1.01	2.18	1.78	.93
<b>Total Western States.....</b>	<b>43,264</b>	<b>44,544</b>	<b>47,030</b>	<b>52,432</b>	<b>1.39</b>	<b>2.82</b>	<b>2.60</b>	<b>1.77</b>
<b>Total 35 States.....</b>	<b>112,896</b>	<b>66,796</b>	<b>119,410</b>	<b>113,041</b>	<b>1.39</b>	<b>3.01</b>	<b>2.46</b>	<b>1.78</b>

<sup>1</sup> Estimates of the commercial crop refer to the total production of apples in the commercial apple areas of each State.

<sup>2</sup> For some States in certain years, production includes some quantities unharvested on account of economic conditions. In 1946 and 1947, estimates of such quantities were as follows (1,000 bushels): 1946—Virginia, 100; 1947—Connecticut, 25; New York, 451; Ohio, 91; Indiana, 30; Illinois, 375; Michigan, 200; Minnesota, 14; Nebraska, 3; Kansas 23; Arkansas, 113; Montana, 29; Idaho, 58; California, 1,125. Prices apply only to the harvested portion of the crop.

<sup>3</sup> Preliminary.

<sup>4</sup> Includes the following quantities harvested but not utilized because of abnormal cullage (1,000 bushels): 1946—New York, 227; Virginia, 100; Idaho, 29; Colorado, 20; Utah, 46; 1947—Vermont, 16; Connecticut, 25; New York 438; Ohio, 152; Indiana, 70; Michigan, 55; Minnesota, 28; Kansas, 37; Montana, 21; Idaho, 104; Colorado, 232; New Mexico, 37; Utah, 65; Washington, 670; Oregon, 20.

Bureau of Agricultural Economics.

APPLES

177

TABLE 217.—Apples: Production in specified countries, averages 1930-34 and 1935-39, annual 1942-47<sup>1</sup>

Continent and country	Average		1942	1943	1944	1945	1946	1947 <sup>*</sup>
	1930-34	1935-39						
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
North America:								
Canada.....	13,277	14,560	12,982	12,892	17,829	7,638	19,282	15,619
Mexico.....	1,291	1,231	1,729	1,769	1,790	1,856	2,041	2,021
United States <sup>1</sup> .....	106,005	127,311	126,707	87,310	121,266	66,796	119,410	113,041
Total.....	120,573	143,102	141,418	101,971	140,885	76,287	140,733	130,681
Europe:								
Austria.....	8,522	13,386	11,730	5,208	13,907	10,000	28,448	15,000
Belgium.....	3,407	5,435	5,893	5,215	6,283	5,511	2,296	13,779
Bulgaria.....	97	1,064	3,556	5,475	4,919	3,569	2,677	1,766
Czechoslovakia.....	10,550	6,901	4,627	3,120	3,913	3,458	9,620	9,600
Denmark.....	3,125	2,818	3,766	5,925	5,190	4,409	7,440	6,000
Finland.....	1,208	1,023	905	1,875	1,120	1,075	1,817	1,708
France:								
Dessert and cooking.....	8,444	10,499	4,422	8,144	18,481	8,471	13,103	13,071
Cider.....	98,332	153,973	74,428	38,477	280,830	22,307	71,059	66,043
Germany.....	55,346	50,015	19,309	79,935	43,173	35,000	22,000	54,353
Greece.....	240	454	564	648	731	815	965	1,291
Hungary.....	620	2,145	1,590	1,060	1,330	689	919	2,104
Italy.....	14,119	13,107	11,083	20,274	14,701	13,667	13,748	22,217
Luxembourg:								
Dessert and cooking.....	245	193	144	264	600	274	428	427
Cider.....	185	93	54	28	205	16	52	49
Netherlands.....	4,285	3,631	3,904	3,444	4,134	3,628	1,837	10,472
Norway.....	1,192	1,080	683	721	468	311	1,496	1,188
Poland.....	10,023	17,114	6,615	27,386	14,788	11,979	7,546	18,640
Rumania.....	3,497	3,255	2,786	5,065	3,671	5,512	4,134	2,722
Spain.....	5,231	5,411	6,063	7,300	8,125	5,000	4,500	3,500
Sweden.....	5,945	4,770	2,572	4,271	3,215	4,455	4,960	5,052
Switzerland.....	15,614	16,452	16,994	29,854	32,150	12,401	29,854	17,403
United Kingdom:								
Dessert and cooking.....	9,993	10,597	17,519	15,279	15,675	12,073	16,717	33,073
Cider.....	2,868	3,427	2,749	3,645	6,146	1,330	5,133	4,947
Yugoslavia.....	6,007	6,914	6,681	12,148	8,808	8,150	8,727	7,711
Total.....	267,030	333,847	208,637	284,762	492,558	174,100	259,476	312,116
Total, excluding cider.....	165,705	176,354	131,406	242,612	205,377	150,447	183,232	241,077
Asia:								
Lebanon.....	85	104	276	280	489	597	643	689
Palestine.....	50	65	151	130	91	226	231	240
Syria.....	(9)	(9)	19	148	102	256	260	271
Turkey.....	6,615	5,149	3,932	3,863	3,514	4,097	5,181	2,797
Japan.....	4,552	7,624	13,006	10,961	8,262	2,967	5,821	4,309
Korea.....	1,918	3,220	7,232	6,075	4,556	1,640	3,214	2,378
Total.....	13,220	16,162	24,616	21,457	17,014	9,783	15,350	10,684
South America:								
Argentina.....	285	1,400	7,235	6,268	8,478	8,162	7,173	4,461
Chile.....	631	1,025	400	600	600	575	700	700
Total.....	916	2,425	7,635	6,868	9,078	8,737	7,873	5,161
Africa:								
Union of South Africa.....	682	1,142	1,000	1,000	875	900	1,000	1,000
Oceania:								
Australia.....	9,555	10,435	9,851	14,523	10,468	15,267	9,612	13,842
New Zealand.....	2,169	2,875	2,276	2,452	2,111	2,702	2,100	3,200
Total.....	11,724	13,310	12,127	16,975	12,579	17,969	11,712	17,042
World total.....	414,145	509,988	395,433	433,033	672,989	287,776	436,144	476,684
World total, excluding cider.....	312,820	352,495	318,202	390,883	385,808	264,123	359,900	405,645

<sup>1</sup> Harvests in Northern Hemisphere countries are for the year shown and are combined with the harvest in Southern Hemisphere of the following year. Estimates in original units of approximately 1 bushel in the following countries: Australia, Canada, Chile, United States, New Zealand, and South Africa. In other countries original estimates, mostly in metric tons, converted to bushels of 48 pounds.

<sup>2</sup> Preliminary. <sup>3</sup> Commercial crop. <sup>4</sup> Less than 5 years. <sup>5</sup> Includes Syria. <sup>6</sup> Included in Lebanon.

Office of Foreign Agricultural Relations. Prepared or estimated on the basis of official statistics of foreign governments, reports of United States foreign service officers, results of office research, and other information. Estimates for countries having changed boundaries have been adjusted to postwar boundaries.

TABLE 218.—Apples, commercial crop: Utilization of production, by States and areas, 1946 and 1947 crops

## CROP OF 1946

State and area	Total production (commercial)	Production having value <sup>1</sup>	Farm disposition		Utilization of quantities sold				
			For farm household use	Sold	Fresh	Processed			
						Canned	Dried	Frozen	Other <sup>2</sup>
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
New England States.....	4,887	4,887	422	4,465	3,765	35	-----	-----	665
New York.....	15,116	14,889	667	14,222	6,568	3,068	115	494	3,977
Pennsylvania.....	8,568	8,568	700	7,868	3,624	2,704	30	10	1,500
Virginia.....	12,975	12,775	600	12,175	5,700	2,667	357	391	3,060
West Virginia.....	5,075	5,075	315	4,760	2,723	939	94	98	906
Michigan.....	7,560	7,560	325	7,235	4,360	980	-----	400	1,495
Washington.....	32,710	32,710	96	32,614	28,120	725	3,057	267	445
Oregon.....	2,970	2,970	184	2,786	2,539	255	-----	-----	182
California.....	7,648	7,648	112	7,536	3,329	750	2,000	397	1,060
Other States.....	21,901	21,821	2,204	19,617	15,846	901	60	35	2,775
North Atlantic States <sup>3</sup> .....	31,541	31,314	1,860	29,454	16,274	5,845	145	504	6,686
South Atlantic States <sup>4</sup> .....	21,852	21,652	1,519	20,133	10,510	4,369	451	489	4,314
Central States <sup>5</sup> .....	18,987	18,987	1,659	17,328	12,702	1,027	-----	415	3,184
Western States <sup>6</sup> .....	47,030	46,950	587	46,363	36,888	1,793	5,117	684	1,881
Total, 35 States.....	119,410	118,903	5,625	113,278	76,374	13,034	5,713	2,092	16,065

CROP OF 1947<sup>7</sup>

New England States.....	6,891	6,825	539	6,286	5,431	39	-----	-----	816
New York.....	15,045	14,156	667	13,489	6,920	3,140	109	196	3,124
Pennsylvania.....	6,612	6,612	726	5,886	2,986	1,900	-----	60	940
Virginia.....	5,072	5,072	340	4,732	2,472	1,338	-----	53	869
West Virginia.....	2,820	2,820	192	2,628	1,566	640	64	-----	328
Michigan.....	6,400	6,145	325	5,820	3,960	330	-----	200	1,330
Washington.....	33,480	32,810	108	32,702	29,848	247	1,932	84	591
Oregon.....	2,864	2,844	184	2,660	2,277	226	-----	10	147
California.....	11,082	9,957	112	9,845	5,174	650	2,832	30	1,159
Other States.....	22,775	21,293	2,227	19,066	15,946	493	34	104	2,489
North Atlantic States <sup>3</sup> .....	30,463	29,528	2,006	27,522	16,979	5,104	109	256	5,074
South Atlantic States <sup>4</sup> .....	9,932	9,932	931	9,001	5,174	2,359	64	53	1,351
Central States <sup>5</sup> .....	20,194	19,003	1,857	17,146	13,223	390	-----	250	3,283
Western States <sup>6</sup> .....	52,432	50,071	626	49,445	41,234	1,150	4,798	178	2,085
Total, 35 States.....	113,041	108,534	5,420	103,114	76,610	9,003	4,971	737	11,793

<sup>1</sup> Differences between "total production" and "production having value" consist of fruit not harvested on account of economic conditions and/or harvested but not utilized because of abnormal cullage.

<sup>2</sup> Mostly fruit crushed for vinegar, cider, and juice. For some minor States, small quantities canned, dried, and frozen are included.

<sup>3</sup> Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, Connecticut, New York, New Jersey, and Pennsylvania.

<sup>4</sup> Delaware, Maryland, Virginia, West Virginia, and North Carolina.

<sup>5</sup> Ohio, Indiana, Illinois, Michigan, Wisconsin, Minnesota, Iowa, Missouri, Nebraska, Kansas, Kentucky, Tennessee, and Arkansas.

<sup>6</sup> Montana, Idaho, Colorado, New Mexico, Utah, Washington, Oregon, and California.

<sup>7</sup> Preliminary.

Bureau of Agricultural Economics.



TABLE 219.—*Apples, commercial crop: Utilization of production, United States, 1938-47 crops*

Year	Total production (commercial)	Production having value <sup>1</sup>	Farm disposition		Utilization of quantities sold				
			For farm household use	Sold	Fresh	Processed			
						Canned	Dried	Frozen	Other <sup>2</sup>
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1938.....	105,718	101,850	6,367	95,483	75,546	4,807	6,347	8,783	16,958
1939.....	139,247	124,729	7,565	117,164	83,839	8,195	8,172	11,104	15,519
1940.....	111,436	106,811	6,673	100,138	78,195	6,571	4,268	16,254	9,958
1941.....	122,217	119,642	6,680	112,962	79,629	11,649	6,165	16,810	5,502
1942.....	126,707	118,368	6,404	111,964	77,853	10,481	7,376	16,065	11,793
1943.....	87,310	87,310	4,851	82,459	58,103	6,592	6,692	1,114	9,958
1944.....	121,266	119,225	6,113	113,112	77,808	9,258	7,015	2,221	16,810
1945.....	66,796	66,796	2,881	63,915	47,431	3,859	4,684	2,439	5,502
1946.....	119,410	118,903	5,625	113,278	76,374	13,034	5,713	2,092	16,065
1947 <sup>3</sup> .....	113,041	108,534	5,420	103,114	76,610	9,003	4,971	737	11,793

<sup>1</sup> Differences between "total production" and "production having value" consist of fruit not harvested on account of economic conditions and/or harvested but not utilized because of abnormal cullage.

<sup>2</sup> Mostly fruit crushed for vinegar, cider, and juice. For some minor States in some years, small quantities canned, dried, and frozen are included.

<sup>3</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1934-37 in Agricultural Statistics, 1946, table 211.

TABLE 220.—*Apples, western: Average auction price per box, all grades, New York, 1938-47*

Season beginning July—	Gravenstein	Jona-than	Esopus Spitzenberg	Golden Delicious	Rome Beauty	Delicious <sup>1</sup>	Yellow Newtown	Winesap	Average <sup>1</sup>
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
1938.....	1.53	1.89	1.72	2.31	1.68	2.01	1.86	1.81	1.89
1939.....	1.51	1.29	1.61	1.89	1.69	1.99	2.04	2.05	1.94
1940.....	2.18	1.65	1.58	1.97	1.78	2.09	1.84	1.94	1.97
1941.....	1.57	1.56	1.97	2.24	1.82	2.19	2.55	2.74	2.29
1942.....	2.62	2.42	3.35	2.61	3.46	3.57	4.38	3.53	3.53
1943.....	4.42	3.52	4.00	3.28	3.62	3.45	3.55	3.63	3.63
1944.....	3.72	3.12	3.55	3.94	3.59	3.82	3.73	3.83	3.77
1945.....	4.59	4.51	4.52	4.39	4.42	4.38	4.53	4.48	4.42
1946.....	2.45	3.10	2.98	4.15	3.26	4.49	4.28	4.58	4.35
1947.....	2.73	3.31	2.53	3.59	2.63	3.67	2.37	3.64	3.43

<sup>1</sup> Includes Red Delicious.

<sup>2</sup> Average of varieties shown in this table.

Bureau of Agricultural Economics. Compiled from New York Daily Fruit Reporter. Prices are weighted by number of boxes sold each day.

TABLE 221.—*Apples, eastern: Average wholesale price per bushel, New York, 1938-47*

Season beginning July	Baldwin	Delicious	Duchess	Greening	McIntosh <sup>1</sup>	North-Spy	Stayman Winesap	Transparent	Williams Red	York Imperial
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
1938.....	1.14	1.48	.65	1.00	1.66	1.34	1.16	.96	.94	1.22
1939.....	1.02	1.28	.72	.90	1.27	1.01	.76	.92	1.17	1.12
1940.....	1.08	1.40	.86	1.12	1.63	1.04	1.12	1.12	1.12	1.10
1941.....	1.49	1.72	.76	1.32	1.69	1.43	1.59	.86	.97	1.89
1942.....	1.85	2.14	1.20	1.42	1.95	1.84	1.12	1.23	1.70	2.01
1943.....	3.50	3.46	2.14	3.04	3.42	3.61	2.87	2.94	3.18	3.76
1944.....	2.54	3.34	1.84	2.53	3.27	2.95	2.47	2.79	2.97	2.87
1945.....	4.79	4.73	3.39	4.53	4.65	4.73	4.65	3.70	3.95	4.85
1946.....	2.29	3.31	2.02	2.34	3.88	2.36	1.99	3.78	3.89	3.09
1947.....	1.69	2.66	1.39	2.11	2.69	1.77	-----	-----	2.89	2.15

<sup>1</sup> New York State only, 1938-39.

Bureau of Agricultural Economics. Compiled from daily market news reports of the Production and Marketing Administration. Prices are based on good merchantable quality and condition, 2½-inch minimum fruit, in less than carlot quantities. Average for season is simple average of monthly averages.

TABLE 222.—Apples: International trade, average 1935-39, annual 1946 and 1947

Country	Average 1935-39		1946 <sup>1</sup>		1947 <sup>1</sup>	
	Exports	Imports	Exports	Imports	Exports	Imports
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
<b>EXPORTING COUNTRIES</b>						
United States	9,730	27	2,864	1,038	4,553	1,211
Canada	6,404	749	4,731	232	3,414	400
France:						
Table	393	1,425	50	561	217	168
Cider	1,892	<sup>2)</sup>	<sup>(?)</sup>	116	126	8
Australia <sup>3</sup>	4,017	0	1,455	0	807	0
Italy	2,420	0	768	0	2,774	0
Rumania	6	0			71	0
Yugoslavia	1,065	2				
New Zealand	893	4	253	<sup>(?)</sup>	5	0
Chile	525	0	301	0		
Denmark	44	105	209	85		
Switzerland <sup>4</sup>						
Table	948	931	1,893	231	930	466
Cider	380	438	180	2	114	1
Union of South Africa	255	59				
Bulgaria	296	0				
Portugal	27	0				
Hungary	195	66				
Greece	13	<sup>(?)</sup>				
Spain	4	25	14	0		
Syria and Lebanon	55	9				
Argentina	255	134	1,101			
Japan	181	0				
Chosen	359	0				
Chosen <sup>5</sup>	463	0				
Netherlands	539	790	79	11	218	176
Total	31,389	4,764	13,898	2,276	13,229	2,430
<b>IMPORTING COUNTRIES</b>						
Austria	228	491				
Eire	7	310	70	<sup>(?)</sup>	1	52
United Kingdom	0	13,638	0	4,293	0	3,530
Germany	1	6,323				
Belgium	397	1,657	348	1,145	132	368
Sweden	12	693	0	1,504	0	1,134
Czechoslovakia	18	1,339				
Egypt	2	213				
Norway	1	162				
Brazil	0	306	0	981	0	
Finland	0	193	0	47		
Cuba	0	116	0	<sup>6</sup> 254	0	<sup>6</sup> 325
Iceland	0	3	1	30	<sup>(?)</sup>	<sup>(?)</sup>
Mexico	0	31	0	191	0	162
Palestine	0	272	0	280		
Philippine Islands	0	117	0	176	0	<sup>6</sup> 928
Manchuria	0	392	0	0	0	0
Netherlands Indies	0	79				
China	60	146	1	30	<sup>(?)</sup>	<sup>(?)</sup>
Belgian Congo	0	8				
Algeria	2	101	0	0	0	0
Indo China	<sup>(?)</sup>	45				
Japan <sup>7</sup>	0	463				
Hawaii	0	118	0	104	0	128
Total	728	27,216	420	9,035	133	6,627
Grand total	32,117	31,980	14,318	11,311	13,362	9,057

<sup>1</sup> Not strictly comparable because of missing information.<sup>2</sup> Less than 500 bushels.<sup>3</sup> Fiscal years.<sup>4</sup> Includes pears.<sup>5</sup> Trade with Japan.<sup>6</sup> According to United States export statistics.<sup>7</sup> Trade with Chosen.

Office of Foreign Agricultural Relations. Prepared or estimated on the basis of official statistics of foreign governments, reports of United States foreign service officers, results of research, and other information.



TABLE 224.—*Apricots: Utilization of production, 3 States,<sup>1</sup> 1938-47 crops*

Year	Total production	Production having value <sup>2</sup>	Farm disposition		Utilization of quantities sold				
			For farm household use	Sold	Fresh	Processed			
						Canned	Dried	Frozen	Other <sup>3</sup>
	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons
1938.....	185,400	183,200	2,700	180,410	30,617	31,933	117,600	-----	260
1939.....	331,500	323,200	2,880	320,320	34,510	60,000	225,500	-----	<sup>4</sup> 310
1940.....	127,100	126,600	2,920	123,680	26,160	38,920	58,300	-----	<sup>4</sup> 300
1941.....	213,900	213,900	2,790	211,110	26,700	75,630	108,400	-----	100
1942.....	228,100	223,100	2,830	220,270	33,500	70,760	114,400	1,060	550
1943.....	104,400	104,400	3,060	101,340	33,040	22,550	36,100	9,580	70
1944.....	351,800	351,800	3,200	348,600	66,100	129,440	141,670	21,170	220
1945.....	191,500	190,950	3,100	187,850	44,490	67,450	42,900	32,670	340
1946.....	338,700	338,700	3,140	335,560	46,470	167,990	98,750	21,950	400
1947 <sup>5</sup> .....	197,500	195,540	3,150	192,390	41,960	66,480	80,000	3,830	120

<sup>1</sup> California, Washington, and Utah.<sup>2</sup> Differences between "total production" and "production having value" consist of fruit not harvested on account of economic conditions.<sup>3</sup> Includes fruit used for wine, jelly, etc., and prior to 1944, small quantities dried in Washington.<sup>4</sup> Includes small quantities frozen in Washington in 1939 and 1940.<sup>5</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1934-37 in Agricultural Statistics, 1946, table 215.

TABLE 225.—*Apricots: Utilization of production, by States, 1946 and 1947 crops*

## CROP OF 1946

State	Total production	Production having value <sup>1</sup>	Farm disposition		Utilization of quantities sold				
			For farm household use	Sold	Fresh	Processed			
						Canned <sup>2</sup>	Dried	Frozen	Other <sup>3</sup>
	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons
California.....	306,000	306,000	1,700	304,300	26,100	162,000	98,600	17,600	-----
Washington.....	27,300	27,300	740	26,560	17,170	4,750	150	4,090	400
Utah.....	5,400	5,400	700	4,700	3,200	1,240	-----	260	-----
3 States..	338,700	338,700	3,140	335,560	46,470	167,990	98,750	21,950	400

CROP OF 1947<sup>4</sup>

	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons
California.....	165,000	165,000	1,700	163,300	20,900	60,500	80,000	1,900	-----
Washington.....	28,000	26,040	750	25,290	18,340	5,100	-----	1,730	120
Utah.....	4,500	4,500	700	3,800	2,720	880	-----	200	-----
3 States..	197,500	195,540	3,150	192,390	41,960	66,480	80,000	3,830	120

<sup>1</sup> Differences between "total production" and "production having value" consist of fruit not harvested on account of economic conditions.<sup>2</sup> Includes some quantities of California apricots used for jam and nectar.<sup>3</sup> Includes fruit used for wine, jelly, etc.<sup>4</sup> Preliminary.

Bureau of Agricultural Economics.

TABLE 226.—*Avocados: Production, season average price per ton received by farmers, and value, California and Florida, and imports, United States, 1929-47*

Year	California			Florida			California and Florida			Imports, year be- ginning July <sup>1</sup>
	Produc- tion	Price <sup>1</sup>	Farm value	Produc- tion	Price <sup>1</sup>	Farm value	Produc- tion	Price <sup>1</sup>	Farm value	
	Tons	Dollars	1,000 dollars	Tons	Dollars	1,000 dollars	Tons	Dollars	1,000 dollars	Tons
1929	400	658	263	420	142	60	820	594	323	3,372
1930	2,150	260	559	620	192	119	2,770	245	678	4,896
1931	2,600	166	432	820	145	119	3,420	161	551	5,087
1932	1,700	171	291	1,400	88	123	3,100	134	414	4,340
1933	2,500	168	420	2,200	98	216	4,700	135	636	2,632
1934	9,300	87	809	2,000	75	150	11,300	85	959	2,811
1935	5,200	172	894	1,000	95	95	6,200	160	980	3,765
1936	6,200	130	806	600	120	72	6,800	129	878	4,559
1937	5,300	152	806	2,000	95	190	7,300	136	996	5,692
1938	14,900	86	1,281	2,100	64	134	17,000	83	1,415	5,158
1939	7,800	144	1,123	2,200	68	150	10,000	127	1,273	3,692
1940	14,600	107	1,562	880	98	86	15,480	106	1,648	5,854
1941	18,600	101	1,879	1,250	100	125	19,850	101	2,004	5,342
1942	15,600	212	3,307	2,100	136	286	17,700	203	3,593	865
1943	21,300	228	4,856	4,600	120	552	25,900	206	5,408	1,718
1944	9,500	522	4,959	5,800	140	812	15,300	377	5,771	1,418
1945	19,200	297	5,702	3,200	144	461	22,400	275	6,163	4,046
1946	14,400	388	5,587	1,600	336	538	16,000	383	6,125	2,444
1947 <sup>1</sup>	13,200	380	5,016	2,300	200	460	15,500	353	5,476	-----

<sup>1</sup> Equivalent returns per ton for bulk fruit at the first delivery point.<sup>2</sup> Data for 1929 and 1930 compiled from reports of Federal Horticultural Board and Bureau of Plant Quarantine; beginning 1931, from Department of Commerce reports.<sup>3</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1924-28 in Agricultural Statistics, 1942, table 288.

TABLE 227.—*Bananas: United States supply, 1929-47*

Year	Imports for consumption	Receipts from Hawaii and Puerto Rico	Year	Imports for consumption	Receipts from Hawaii and Puerto Rico
	1,000 bunches	1,000 bunches		1,000 bunches	1,000 bunches
1929	65,134	200	1938	59,243	192
1930	62,828	149	1939	57,128	192
1931	55,857	126	1940	52,336	112
1932	49,457	91	1941	51,662	89
1933	39,613	94	1942	27,199	0
1934	47,679	90	1943	24,729	0
1935	55,019	99	1944	31,686	0
1936	58,302	99	1945	40,953	0
1937	66,587	91	1946	53,933	0
			1947 <sup>1</sup>	60,105	0

<sup>1</sup> Preliminary.

Bureau of Agricultural Economics. Bunches as reported in this table are of various weights, but the average weight of a medium-sized bunch of bananas is approximately 50 pounds net. Included in the "receipts" in this table are plantains from Puerto Rico as follows: 79,000 bunches in 1938; 78,000 bunches in 1939, and 6,000 bunches in 1940. All figures obtained from Foreign Commerce and Navigation of the United States, Department of Commerce.

TABLE 228.—Bananas: International trade, average 1934-38, annual 1940-47

Continent and country	Average 1934-38	1940	1941	1942	1943	1944	1945	1946	1947 <sup>1</sup>
<b>EXPORTS FROM SPECIFIED EXPORTING COUNTRIES</b>	<b>1,000 bunches of 50 lbs.</b>	<b>1,000 bunches of 50 lbs.</b>	<b>1,000 bunches of 50 lbs.</b>	<b>1,000 bunches of 50 lbs.</b>	<b>1,000 bunches of 50 lbs.</b>	<b>1,000 bunches of 50 lbs.</b>	<b>1,000 bunches of 50 lbs.</b>	<b>1,000 bunches of 50 lbs.</b>	<b>1,000 bunches of 50 lbs.</b>
<b>North America:</b>									
British Honduras	612	437	337	97	2,386	1,884	2,479	4,920	6,103
Costa Rica	4,217	3,155	4,835	2,267	42	1,884	2,479	4,920	6,103
Guatemala	7,370	8,306	6,955	5,019	2,546	4,919	8,547	9,758	14,884
Honduras	12,353	14,547	12,865	6,514	6,146	10,404	13,138	14,184	15,211
Mexico	12,230	5,907	3,977	3,548	4,830	3,981	3,502	5,039	5,645
Nicaragua	2,168	1,040	585	58	0	7	73	188	200
Panama, Republic of	8,027	8,211	7,937	3,324	1,323	1,624	3,601	7,268	6,384
Panama, Canal Zone	1,541	1,746	1,676	555	0	5	4	( <sup>1</sup> )	( <sup>1</sup> )
<b>Caribbean:</b>									
Cuba	5,316	3,874	3,335	1,916	1,316	1,083	1,162	1,952	1,936
Dominica	57	38	49	12	3	4	4	4	4
Dominican Republic	88	630	835	620	611	377	971	1,221	930
Grenada	65	59	49	14	9	8	3	5	5
Guadeloupe	1,553	1,009	325	100	138	112	462	838	1,000
Haiti <sup>2</sup>	489	1,361	1,970	1,159	362	1,734	2,409	3,528	4,381
Jamaica	14,824	4,794	3,912	943	202	782	1,258	4,194	3,957
Martinique	1,192	463	103	0	1	5	0	144	896
St. Lucia	56	48	40	2	( <sup>1</sup> )	0	0	0	0
St. Vincent	22	21	14	1	0	0	0	0	0
Trinidad and Tobago	71	25	9	0	0	0	( <sup>1</sup> )	2	2
<b>Total</b>	<b>72,251</b>	<b>55,671</b>	<b>49,808</b>	<b>26,149</b>	<b>19,915</b>	<b>27,124</b>	<b>37,758</b>	<b>53,330</b>	<b>61,400</b>
<b>Europe: Spain</b>	<b>7</b>	<b>46</b>	<b>23</b>	<b>105</b>	<b>180</b>	<b>139</b>	<b>200</b>	<b>261</b>	<b>2</b>
<b>Asia:</b>									
Syria and Lebanon	4	63	4	( <sup>1</sup> )	0	( <sup>1</sup> )	11	15	15
Japan <sup>3</sup>	186	250	159	58	66	0	0	0	0
Formosa <sup>4</sup>	5,378	4,692	3,200	1,890	996	529	0	0	0
Formosa	704	668	576	231	0	0	0	173	412
Netherlands Indies:									
Java and Madura	88	106	86	0	0	0	0	0	0
Outer Provinces	38	52	0	0	0	0	0	0	0
<b>Total</b>	<b>6,398</b>	<b>5,831</b>	<b>4,025</b>	<b>2,179</b>	<b>1,062</b>	<b>529</b>	<b>11</b>	<b>188</b>	<b>427</b>
<b>South America:</b>									
Brazil	8,714	7,064	4,048	2,444	1,824	2,243	2,587	4,184	5,927
Colombia	7,122	5,652	3,400	296	1	532	1,316	1,820	2,000
Ecuador	2,100	2,024	1,467	968	677	595	763	1,500	2,979
Surinam	3	0	0	0	0	0	0	0	0
Venezuela	105	96	87	206	344	206	0	0	0
<b>Total</b>	<b>18,044</b>	<b>14,836</b>	<b>9,002</b>	<b>3,914</b>	<b>2,846</b>	<b>3,576</b>	<b>4,666</b>	<b>7,504</b>	<b>10,906</b>
<b>Africa:</b>									
Algeria	5	2	0	0	0	0	0	0	0
Belgian Congo	58	40	35	35	40	40	51	78	88
Canary Islands	5,730	4,460	4,530	3,430	2,995	2,280	2,797	4,027	4,000
Egypt	17	1	0	0	0	5	6	10	10
Eritrea	885	691	0	0	0	0	0	0	0
French Cameroon	719	748	0	0	0	0	0	207	883
French West Africa:									
French Guinea	1,778	1,016	449	57	44	35	16	252	1,170
Ivory Coast	265	282	116	( <sup>1</sup> )	0	0	0	75	285
Gold Coast	33	54	5	( <sup>1</sup> )	( <sup>1</sup> )	1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
Mozambique	443	436	793	979	1,199	951	1,086	1,100	1,100
Nigeria and Cameroon	1,982	2,627	0	2	2	1	1	386	400
Sao Tome and Principe	7	8	5	5	7	7	18	20	20
Union of South Africa	5	5	12	19	0	11	7	10	10
<b>Total</b>	<b>11,950</b>	<b>10,370</b>	<b>5,945</b>	<b>4,527</b>	<b>4,287</b>	<b>3,331</b>	<b>3,982</b>	<b>6,165</b>	<b>7,966</b>
<b>Oceania:</b>									
Fiji	286	181	95	183	154	74	140	230	250
Hawaii <sup>5</sup>	98	105	90	0	0	0	0	0	0
Tonga Islands	31	42	78	81	63	48	52	60	60
Western Samoa	238	370	291	131	105	53	180	200	200
<b>Total</b>	<b>653</b>	<b>698</b>	<b>554</b>	<b>395</b>	<b>322</b>	<b>175</b>	<b>372</b>	<b>490</b>	<b>510</b>
<b>World total</b>	<b>109,312</b>	<b>87,452</b>	<b>69,357</b>	<b>37,269</b>	<b>28,612</b>	<b>34,874</b>	<b>46,989</b>	<b>67,938</b>	<b>81,484</b>

TABLE 228.—Bananas: International trade: average 1934-38, annual 1940-47—Continued

Continent and country	Average 1934-38	1940	1941	1942	1943	1944	1945	1946	1947 <sup>1</sup>
<b>IMPORTS INTO SPECIFIED IMPORTING COUNTRIES<sup>11</sup></b>									
	1,000 bunches of 50 lbs.	1,000 bunches of 50 lbs.	1,000 bunches of 50 lbs.	1,000 bunches of 50 lbs.	1,000 bunches of 50 lbs.	1,000 bunches of 50 lbs.	1,000 bunches of 50 lbs.	1,000 bunches of 50 lbs.	1,000 bunches of 50 lbs.
North America:									
Canada	2,488	2,283	2,485	756	840	2,113	3,647	4,856	3,806
United States <sup>12</sup>	59,498	52,957	50,713	23,363	20,745	27,244	36,962	46,626	54,176
Total	61,986	55,240	53,198	24,119	21,585	29,357	40,509	51,482	57,982
Europe:									
Belgium	986	114	0	1	0	0	4	4	4
Denmark	161	22	0	0	0	0	10	2	( <sup>5</sup> )
Eire	247	135	0	0	3	0	0	39	169
Finland	110	0	0	0	0	0	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
France	7,522	2,450	774	27	( <sup>5</sup> )	17	3	1,102	3,772
Germany	5,281	20	45	11	0	0	0	0	0
Italy	845	691	0	0	0	0	0	1	9
Netherlands	1,367	72	( <sup>5</sup> )	( <sup>5</sup> )	0	0	0	37	76
Norway	322	34	0	0	0	0	54	184	135
Spain	2,275	4,414	4,505	3,449	2,796	2,117	2,336	1,521	2,000
Sweden	439	62	0	0	0	1	83	956	580
Switzerland	291	145	24	104	163	100	164	324	334
United Kingdom	13,071	8,531	4	0	0	0	50	4,549	4,649
Total	32,917	16,690	5,352	3,592	2,962	2,235	2,704	8,719	11,728
Asia:									
Iraq	12	10	4	0	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	0	0
Japan <sup>13</sup>	5,378	4,692	3,200	1,890	996	529	0	0	0
Korea	186	250	159	58	66	0	0	0	0
Palestine	0	51	13	41	67	92	110	170	200
Total	5,576	5,003	3,376	1,989	1,129	621	110	170	200
South America:									
Argentina	6,394	7,319	4,309	2,575	1,594	1,954	2,108	3,169	4,540
Chile	584	890	768	653	426	648	651	849	1,129
Uruguay	450	1,023	632	523	478	400	417	400	400
Total	7,428	9,232	5,709	3,751	2,498	3,002	3,176	4,418	6,069
Africa:									
Algeria	233	158	8	( <sup>5</sup> )	0	0	0	0	0
South West Africa	4	4	4	6	7	10	6	10	10
Spanish Morocco	16	26	29	9	14	24	28	30	30
Total	253	188	41	15	21	34	34	40	40
Oceania:									
Australia	72	69	30	( <sup>5</sup> )	0	0	0	0	0
New Zealand	505	599	471	483	359	222	368	494	450
Total	577	668	501	483	359	222	368	494	450
Other countries <sup>14</sup>	411	55	0	0	0	0	0	173	412
World total	109,148	87,076	68,177	33,949	28,554	35,471	46,901	65,496	76,881

<sup>1</sup> Preliminary.<sup>2</sup> Crop years Aug. 1-July 31, 1933-34 through 1936-37; Aug. 1-June 30, 1937-38; July 1-June 30, 1939; subsequent years are calendar.<sup>3</sup> Includes Panama Canal Zone.<sup>4</sup> Included in Panama Republic.<sup>5</sup> Year beginning Oct. 1.<sup>6</sup> Less than 500 bunches.<sup>7</sup> Less than 5 years.<sup>8</sup> Trade with Korea.<sup>9</sup> Trade with Japan.<sup>10</sup> Shipments to United States.<sup>11</sup> Reexports have been deducted.<sup>12</sup> Includes shipments from Hawaii.<sup>13</sup> Trade with Formosa.<sup>14</sup> Includes the following: 1934-38—Austria 43, Czechoslovakia 125, Hungary and Estonia each 2, Latvia and Lithuania each 5; Malta 18, Tangier 10, French Morocco 92, Tunisia 109. 1940—Malta 1, French Morocco 24, Tunisia 30. 1946—China 173 1947—China 412.

Office of Foreign Agricultural Relations. Prepared or estimated on the basis of official statistics of foreign governments, reports of United States foreign service officers, results of office research, and other information. All figures have been converted to equivalent bunches of 50 pounds.



TABLE 229.—Cherries: Production, season average price per ton received by farmers, and value, 12 States,<sup>1</sup> and foreign trade, United States, 1929-47

Year	All varieties				Foreign trade, year beginning July			
	Total production	Production having value <sup>2</sup>	Price	Farm value	Domestic exports		Imports	
					Canned	Fresh	Natural sulphured, or in brine	Dried or preserved
	Tons	Tons	Dollars	1,000 dollars	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1929.....	98,320	96,320	159.22	15,336	1,897	22,362	866	
1930.....	122,350	120,450	127.26	15,329	1,232	7,926	1,280	
1931.....	126,350	116,200	65.90	7,658	643	5,943	148	
1932.....	144,560	130,320	42.35	5,519	581	1,702	99	
1933.....	136,080	132,480	55.34	7,331	1,040	1,684	67	
1934.....	137,530	133,410	58.62	7,821	1,403	1,492	26	
1935.....	145,670	143,960	70.70	10,178	1,646	* 797	1,544	
1936.....	123,520	119,520	76.19	9,106	1,870	644	902	
1937.....	147,580	144,030	104.42	15,039	2,656	1,470	1,831	
1938.....	144,210	131,810	66.20	8,725	5,911	2,059	1,107	
1939.....	184,490	177,580	61.30	10,891	2,613	755	2,167	
1940.....	172,820	169,510	78.60	13,321	821	1,044	41	( <sup>4</sup> )
1941.....	161,690	159,080	107.00	16,944	1,005	1,001	21	( <sup>4</sup> )
1942.....	196,520	184,760	120.00	22,243	788	886	8	( <sup>4</sup> )
1943.....	116,210	111,900	211.00	23,651	258	805	20	62
1944.....	195,510	195,010	212.00	41,290	254	1,121	4	13
1945.....	149,020	147,810	268.00	39,658	1,176	776	135	( <sup>4</sup> )
1946.....	229,620	228,570	291.00	66,411	2,726	2,638	4,592	3
1947 <sup>5</sup> .....	173,140	171,470	225.00	38,562				

Year	Sweet varieties				Sour varieties			
	Total production	Production having value <sup>2</sup>	Price	Farm value	Total production	Production having value <sup>2</sup>	Price	Farm value
	Tons	Tons	Dollars	1,000 dollars	Tons	Tons	Dollars	1,000 dollars
1938.....	79,360	67,910	75.70	5,139	64,850	63,900	56.10	3,586
1939.....	87,720	81,620	82.70	6,750	96,770	95,960	43.20	4,141
1940.....	68,130	66,030	111.00	7,317	104,690	103,480	58.00	6,004
1941.....	80,290	79,380	117.00	9,253	81,400	79,700	96.50	7,691
1942.....	91,230	80,720	141.00	11,402	105,290	104,040	104.00	10,841
1943.....	75,370	71,620	230.00	16,507	40,840	40,280	177.00	7,144
1944.....	83,110	82,810	275.00	22,802	112,400	112,200	165.00	18,488
1945.....	102,450	101,350	272.00	27,565	46,570	46,460	260.00	12,093
1946.....	112,370	111,370	280.00	31,160	117,250	117,200	301.00	35,251
1947 <sup>5</sup> .....	79,270	78,190	256.00	20,012	93,870	93,280	199.00	18,550

<sup>1</sup> New York, Pennsylvania, Ohio, Michigan, Wisconsin, Montana, Idaho, Colorado, Utah, Washington, Oregon, and California.<sup>2</sup> Differences between "total production" and "production having value" consist of fruit not harvested on account of economic conditions and/or harvested but not utilized because of abnormal cullage.<sup>3</sup> Not segregated prior to Jan. 1, 1936.<sup>4</sup> Less than 500 pounds.<sup>5</sup> Preliminary.

Bureau of Agricultural Economics. Foreign trade data from records of the Department of Commerce.

## CHERRIES

187

TABLE 230.—Cherries: Production in 12 States and season average price per ton received by farmers, by States, average 1936-45, annual 1946 and 1947

## SWEET VARIETIES

State	Production <sup>1</sup>			Price for crop of—		
	Average 1936-45	1946	1947 <sup>2</sup>	Average 1936-45	1946	1947 <sup>2</sup>
	Tons	Tons	Tons	Dollars	Dollars	Dollars
New York.....	2,162	1,400	2,200	189	353	273
Pennsylvania.....	1,625	700	900	180	350	282
Ohio.....	550	200	280	187	360	330
Michigan.....	2,912	4,500	4,000	169	275	235
4 Eastern States.....	7,249	6,800	7,380			
Montana.....	171	700	<sup>3</sup> 1,120	209	420	292
Idaho.....	2,030	3,520	<sup>3</sup> 2,380	149	245	240
Colorado.....	419	250	490	190	370	400
Utah.....	3,175	3,900	3,500	151	250	280
Washington.....	24,300	32,200	<sup>3</sup> 25,600	<sup>4</sup> 163	<sup>4</sup> 269	<sup>4</sup> 275
Oregon.....	19,488	31,000	10,800	<sup>4</sup> 149	<sup>4</sup> 263	<sup>4</sup> 211
California.....	26,625	34,000	28,000	<sup>5</sup> 178	<sup>5</sup> 304	<sup>5</sup> 251
7 Western States.....	76,208	105,570	71,890			
11 States.....	83,458	112,370	79,270	120	280	256

## SOUR VARIETIES

New York.....	17,475	15,500	14,800	120	357	212
Pennsylvania.....	5,825	4,600	4,600	142	300	237
Ohio.....	2,854	2,100	2,120	131	260	224
Michigan.....	31,500	60,500	49,500	123	298	192
Wisconsin.....	9,788	20,000	9,000	124	316	210
5 Eastern States.....	67,442	102,700	80,020			
Montana.....	314	60	410	104	180	144
Idaho.....	882	490	680	90	185	180
Colorado.....	3,432	3,200	3,960	101	260	190
Utah.....	2,075	3,600	3,200	104	200	180
Washington.....	5,488	4,300	<sup>3</sup> 4,200	<sup>4</sup> 105	<sup>4</sup> 273	<sup>4</sup> 184
Oregon.....	2,269	2,900	1,400	<sup>4</sup> 102	<sup>4</sup> 215	<sup>4</sup> 200
6 Western States.....	14,160	14,550	13,850			
11 States.....	81,601	117,250	93,870	163	301	190

## ALL VARIETIES

	Average 1936-45			Average 1936-45		
New York.....	19,215	16,900	17,000	124	357	220
Pennsylvania.....	7,280	5,300	5,500	133	307	244
Ohio.....	3,367	2,300	2,400	126	269	236
Michigan.....	35,400	65,000	53,500	116	296	195
Wisconsin.....	9,130	20,000	9,000	113	316	210
5 Eastern States.....	74,392	109,500	87,400			
Montana.....	435	760	<sup>3</sup> 1,530	129	401	251
Idaho.....	2,439	4,010	<sup>3</sup> 3,060	128	238	226
Colorado.....	3,501	3,450	4,450	104	268	213
Utah.....	4,790	7,500	6,700	123	226	232
Washington.....	27,360	36,500	<sup>3</sup> 29,800	<sup>4</sup> 142	<sup>4</sup> 269	<sup>4</sup> 263
Oregon.....	20,480	33,900	12,200	<sup>4</sup> 137	<sup>4</sup> 259	<sup>4</sup> 210
California.....	25,760	34,000	28,000	<sup>5</sup> 169	<sup>5</sup> 304	<sup>5</sup> 251
7 Western States.....	84,765	120,120	85,740			
12 States.....	159,157	229,620	173,140	130	291	225

<sup>1</sup> For some States in certain years, production includes some quantities unharvested on account of economic conditions. In 1946, estimates of such quantities were as follows (tons): Idaho sour, 50; Oregon sweet, 1,000. Prices apply only to the harvested portion of the crop.

<sup>2</sup> Preliminary.

<sup>3</sup> Includes the following quantities harvested but not utilized because of abnormal cullage (tons): Montana sweet, 30; Idaho sweet, 50; Washington sweet, 1,000; sour, 590.

<sup>4</sup> Equivalent returns per ton for bulk fruit at the packing-house door.

<sup>5</sup> Equivalent returns per ton for bulk fruit at the first delivery point.

Bureau of Agricultural Economics.

TABLE 231.—Cherries: Utilization of production, 12 States<sup>1</sup>, 1938-47 crops

Year	Total production	Production having value <sup>2</sup>	Farm disposition		Utilization of quantities sold				
			For farm household use	Sold	Fresh	Processed			
						Canned	Frozen	Brined	Other <sup>3</sup>
	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons
1938.....	79,360	67,910	5,640	62,270	33,102	12,434	-----	16,473	261
1939.....	87,720	81,620	6,580	75,040	35,224	20,063	-----	19,420	303
1940.....	68,130	66,030	6,570	59,460	30,983	12,397	-----	15,670	410
1941.....	80,290	79,380	6,540	72,540	36,706	16,609	-----	18,900	445
1942.....	91,230	80,720	6,800	73,920	36,440	19,209	-----	16,860	1,411
1943.....	75,370	71,620	5,480	66,140	34,890	14,970	675	14,365	1,240
1944.....	83,110	82,810	6,970	75,840	40,140	13,660	1,580	19,700	760
1945.....	102,450	101,350	5,850	95,500	42,670	21,590	6,720	23,920	600
1946.....	112,370	111,370	6,040	105,330	37,160	30,320	5,390	30,920	1,540
1947 <sup>4</sup> .....	79,270	78,190	5,970	72,220	36,210	10,410	660	24,880	60

SOUR VARIETIES									
	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons
1938.....	64,850	63,900	5,750	58,150	12,502	34,117	9,290	-----	2,241
1939.....	96,770	95,960	7,110	88,850	13,769	55,047	17,025	-----	3,009
1940.....	104,690	103,480	6,900	96,580	12,693	59,254	20,150	-----	4,483
1941.....	81,400	79,700	6,530	73,170	10,102	37,822	22,301	-----	2,945
1942.....	105,290	104,040	6,870	97,170	12,990	60,328	21,616	-----	2,236
1943.....	40,840	40,280	4,660	35,620	9,361	12,649	13,136	246	228
1944.....	112,400	112,200	7,150	105,050	12,760	54,530	35,330	1,290	1,140
1945.....	46,570	46,460	4,300	42,160	6,890	25,320	9,180	190	580
1946.....	117,250	117,200	5,990	111,210	9,940	55,920	44,010	490	850
1947 <sup>4</sup> .....	93,870	93,280	5,500	87,780	10,140	40,570	35,490	980	600

ALL VARIETIES									
	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons
1938.....	144,210	131,810	11,390	120,420	45,604	46,551	9,290	16,473	2,502
1939.....	184,490	177,580	13,690	163,890	48,993	75,140	17,025	19,420	3,312
1940.....	172,820	169,510	13,470	156,040	43,676	71,651	20,150	15,670	4,893
1941.....	161,690	159,080	13,070	146,010	46,898	54,521	22,301	18,900	3,390
1942.....	196,520	184,760	13,670	171,090	49,430	79,537	21,616	16,860	3,647
1943.....	116,210	111,900	10,140	101,760	44,251	27,619	13,811	14,611	1,468
1944.....	195,510	195,010	14,120	180,890	52,900	68,190	36,910	20,990	1,900
1945.....	149,020	147,810	10,150	137,660	49,560	46,910	15,900	24,110	1,180
1946.....	229,620	228,570	12,030	216,540	47,100	86,240	49,400	31,410	2,390
1947 <sup>4</sup> .....	173,140	171,470	11,470	160,000	46,350	50,980	36,150	25,960	660

<sup>1</sup> New York, Pennsylvania, Ohio, Michigan, Wisconsin, Montana, Idaho, Colorado, Utah, Washington, Oregon, and California.

<sup>2</sup> Differences between "total production" and "production having value" consist of fruit not harvested on account of economic conditions and/or harvested but not utilized because of abnormal cullage.

<sup>3</sup> Includes fruit used for juice, wine, preserves, and candied cherries. For the years 1938-42 some quantities of cherries frozen and/or brined also are included.

<sup>4</sup> Preliminary.

Bureau of Agricultural Economics. Data on all varieties for 1934-37 in Agricultural Statistics, 1946, table 222.

TABLE 232.—Cherries: Utilization of production, by States, 1946 crop

## SWEET VARIETIES

State	Total production	Production having value <sup>1</sup>	Farm disposition		Utilization of quantities sold				
			For farm household use	Sold	Fresh	Processed			
						Canned	Frozen	Brined	Other <sup>2</sup>
	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons
New York	1,400	1,400	360	1,040	390			650	
Pennsylvania and Ohio	900	900	450	450	250	110	80	10	
Michigan	4,500	4,500	600	3,900	840	800	160	2,100	
Washington	32,200	32,200	1,980	30,220	13,460	7,880	1,240	7,100	540
Oregon	31,000	30,000	1,800	28,200	3,400	11,000	800	12,000	1,000
California	34,000	34,000	300	33,700	14,500	9,200	2,500	7,500	
Other States <sup>3</sup>	8,370	8,370	550	7,820	4,320	1,330	610	1,560	
11 States	112,370	111,370	6,040	105,330	37,160	30,320	5,390	30,920	1,540

## SOUR VARIETIES

New York	15,500	15,500	850	14,650	1,820	2,120	10,700		
Pennsylvania and Ohio	6,700	6,700	1,450	5,250	1,750	2,250	920	30	300
Michigan	60,500	60,500	1,300	59,200	2,350	39,450	17,150	250	
Wisconsin	20,000	20,000	800	19,200	1,540	8,400	8,800	210	250
Washington	4,300	4,300	770	3,530	850	420	1,970		290
Oregon	2,900	2,900	350	2,550	450	1,250	840		10
Other States <sup>4</sup>	7,350	7,300	470	6,830	1,180	2,030	3,620		
11 States	117,250	117,200	5,990	111,210	9,940	55,920	44,010	490	850

## ALL VARIETIES

New York	16,900	16,900	1,210	15,690	2,210	2,120	10,710	650	
Pennsylvania and Ohio	7,600	7,600	1,900	5,700	2,000	2,360	1,000	40	300
Michigan	65,000	65,000	1,900	63,100	3,190	40,250	17,310	2,350	
Wisconsin	20,000	20,000	800	19,200	1,540	8,400	8,800	210	250
Washington	36,500	36,500	2,750	33,750	14,310	8,300	3,210	7,100	830
Oregon	33,900	32,900	2,150	30,750	3,850	12,250	1,640	12,000	1,010
California	34,000	34,000	300	33,700	14,500	9,200	2,500	7,500	
Other States <sup>4</sup>	15,720	15,670	1,020	14,650	5,500	3,360	4,230	1,560	
12 States	229,620	228,570	12,030	216,540	47,100	86,240	49,400	31,410	2,390

<sup>1</sup> Differences between "total production" and "production having value" consists of fruit not harvested on account of economic conditions.

<sup>2</sup> Includes fruit used for juice, wine, preserves, and candied cherries.

<sup>3</sup> Montana, Idaho, Colorado, and Utah.

<sup>4</sup> Includes some quantities of New York sour cherries brined.

Bureau of Agricultural Economics.

TABLE 233.—Cherries: Utilization of production, by States, 1947 crop <sup>1</sup>

## SWEET VARIETIES

State	Total production	Production having value <sup>2</sup>	Farm disposition		Utilization of quantities sold				
			For farm household use	Sold	Fresh	Processed			
						Canned	Frozen	Brined	Other <sup>3</sup>
	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons
New York.....	2,200	2,200	540	1,660	440	-----	-----	1,220	-----
Pennsylvania and Ohio.....	1,180	1,180	480	700	580	-----	-----	120	-----
Michigan.....	4,000	4,000	600	3,400	790	600	120	1,890	-----
Washington.....	25,600	24,600	1,980	22,620	13,400	2,360	240	6,610	10
Oregon.....	10,800	10,800	1,500	9,300	2,050	2,200	100	4,900	50
California.....	28,000	28,000	300	27,700	13,800	4,700	100	9,100	-----
Other States <sup>4</sup> .....	7,490	7,410	570	6,840	5,150	550	100	1,040	-----
11 States.....	79,270	78,190	5,970	72,220	36,210	10,410	660	24,880	60

## SOUR VARIETIES

	14,800	14,800	850	13,950	<sup>5</sup> 1,720	3,180	9,000	-----	50
New York.....	14,800	14,800	850	13,950	<sup>5</sup> 1,720	3,180	9,000	-----	50
Pennsylvania and Ohio.....	6,720	6,720	1,350	5,370	1,190	2,910	1,020	30	220
Michigan.....	49,500	49,500	1,250	48,250	2,800	27,350	17,150	950	-----
Wisconsin.....	9,000	9,000	560	8,440	680	4,140	3,410	-----	210
Washington.....	4,200	3,610	770	2,840	780	600	1,350	-----	110
Oregon.....	1,400	1,400	230	1,170	300	560	300	-----	10
Other States <sup>4</sup> .....	8,250	8,250	490	7,760	2,670	1,830	3,260	-----	-----
11 States.....	93,870	93,280	5,500	87,780	10,140	40,570	35,490	980	600

## ALL VARIETIES

	17,000	17,000	1,390	15,610	2,160	3,180	9,000	1,220	50
New York.....	17,000	17,000	1,390	15,610	2,160	3,180	9,000	1,220	50
Pennsylvania and Ohio.....	7,900	7,900	1,830	6,070	1,770	2,910	1,020	150	220
Michigan.....	53,500	53,500	1,850	51,650	3,590	27,950	17,270	2,840	-----
Wisconsin.....	9,000	9,000	560	8,440	680	4,140	3,410	-----	210
Washington.....	29,800	28,210	2,750	25,460	14,180	2,960	1,590	6,610	120
Oregon.....	12,200	12,200	1,730	10,470	2,350	2,760	400	4,900	60
California.....	28,000	28,000	300	27,700	13,800	4,700	100	9,100	-----
Other States <sup>4</sup> .....	15,740	15,660	1,060	14,600	7,520	2,380	3,360	1,040	-----
12 States.....	173,140	171,470	11,470	160,000	46,350	50,980	36,150	25,860	660

<sup>1</sup> Preliminary.<sup>2</sup> Differences between "total production" and "production having value" consist of fruit not harvested on account of economic conditions and/or harvested but not utilized because of abnormal cullage.<sup>3</sup> Includes fruit used for juice, wine, preserves, and candied cherries.<sup>4</sup> Montana, Idaho, Colorado, and Utah.<sup>5</sup> Includes some quantities of New York sour cherries brined.

Bureau of Agricultural Economics.

TABLE 234.—*Citrus fruit's: Production and season average returns per box to growers, by States, average 1936-45, annual 1945-47*

Crop and State	Production <sup>1</sup>				Price for crop of— <sup>2</sup>			
	Average 1936-45	1945	1946	1947 <sup>3</sup>	Average 1936-45	1945	1946	1947 <sup>3</sup>
<b>ORANGES</b>								
California:	1,000 boxes	1,000 boxes	1,000 boxes	1,000 boxes	Dollars	Dollars	Dollars	Dollars
Navel and miscellaneous <sup>4</sup> .....	18,203	17,680	19,670	18,900	1.77	2.92	2.30	1.65
Valencia.....	23,329	26,330	33,860	26,800	2.17	3.50	1.47	1.68
Total.....	46,532	44,010	53,530	45,700	2.01	3.27	1.77	1.67
Florida:								
Early and midseason.....	18,125	25,400	30,500	31,000	1.35	2.42	1.16	.93
Valencia.....	14,905	24,400	23,200	27,400	1.76	2.99	1.37	.87
Total.....	33,030	49,800	53,700	58,400	1.53	2.70	1.25	.90
Texas <sup>5</sup> :								
Early and midseason.....	1,722	2,880	3,150	3,100				
Valencia.....	1,220	1,920	1,850	2,100				
Total.....	2,942	4,800	5,000	5,200	1.56	2.38	1.85	1.50
Arizona <sup>6</sup> :								
Navel and miscellaneous.....	327	570	600	480	<sup>5</sup> 2.12	3.28	3.18	1.36
Valencia.....	371	640	600	300	<sup>5</sup> 2.51	3.38	2.32	1.78
Total.....	697	1,210	1,200	780	1.82	3.33	2.75	1.52
Louisiana <sup>4</sup> .....	288	330	410	300	1.81	2.55	1.90	1.75
5 States <sup>6</sup> .....	83,488	100,150	113,840	110,380	1.79	2.94	1.54	1.25
Total early and midseason <sup>7</sup> .....	38,664	46,860	54,330	53,780				
Total Valencia.....	44,824	53,200	59,510	56,600				
<b>TANGERINES</b>								
Florida.....	3,190	4,200	4,700	4,000	1.43	2.81	1.73	1.20
ALL ORANGES AND TANGERINES								
5 States <sup>6</sup> .....	86,678	104,350	118,540	114,380	1.78	2.93	1.55	1.25
<b>GRAPEFRUIT</b>								
Florida:								
Seedless.....	8,840	14,000	14,000	14,800	1.03	1.54	.85	.54
Other.....	13,990	18,000	15,000	18,200	.89	1.44	.84	.41
Total.....	22,830	32,000	29,000	33,000	.94	1.48	.84	.47
Texas.....	16,121	24,000	<sup>8</sup> 23,300	23,200	.77	1.26	.60	.49
Arizona.....	3,031	4,100	<sup>8</sup> 4,100	3,000	.76	1.04	.38	.48
California:								
Desert valleys.....	1,115	1,220	1,220	960	.94	1.47	.92	1.19
Other.....	1,496	2,130	1,900	1,470	1.45	1.53	1.47	1.25
Total.....	2,611	3,350	3,120	2,430	1.23	1.51	1.26	1.23
4 States <sup>6</sup> .....	44,593	63,450	59,520	61,630	.88	1.37	.86	.51
California <sup>8</sup> .....	12,186	14,450	13,800	12,870	2.12	1.94	2.67	2.44
<b>LIMES</b>								
Florida <sup>6</sup> .....	135	200	170	170	3.24	3.58	3.95	3.34

<sup>1</sup> Season begins with the bloom of the year shown and ends with the completion of harvest the following year. In California picking usually extends from about Oct. 1 to Dec. 31 of the following year. In other States the season begins about Oct. 1 and ends in early summer, except for Florida limes, harvest of which usually starts about Apr. 1. Estimates of production include fruit consumed on farms, sold locally, and used for manufacturing purposes as well as that shipped. Fruit ripened on the trees but destroyed by freezing or storms prior to picking is not included. For some States in certain years, production also includes some quantities donated to charity, unharvested, and/or eliminated in accordance with provisions of marketing agreements. In 1945, 1946, and 1947 estimates of such quantities were as follows (1,000 boxes): 1945—Oranges, California Navels and miscellaneous, 332; Valencias, 399; Grapefruit, desert valleys, 2; 1946—Oranges, California Navels and miscellaneous, 455; Valencias, 454; Florida, early and midseason, 900; Tangerines, Florida, 800; Grapefruit, Florida, seedless, 800; other, 1,800; California desert valleys, 13; 1947—Oranges, California Navels and miscellaneous, 521; Valencias, 436; Arizona Navels and miscellaneous, 6; Tangerines, Florida, 600; Grapefruit, Florida, seedless, 2,400; other, 1,300; Texas, 2,300; Arizona, 944; California desert valleys, 16.

<sup>2</sup> As estimated from prospects on Dec. 1, 1948.

<sup>3</sup> Equivalent returns per box at the intake packing-house door for all methods of sale.

<sup>4</sup> Includes small quantities of tangerines.

<sup>5</sup> Short-time average.

<sup>6</sup> Net content of box varies. In California and Arizona the approximate average for oranges is 77 lb. and grapefruit 65 lb. in the desert valleys; 68 lb. for California grapefruit in other areas; in Florida and other States, oranges, including tangerines, 90 lb. and grapefruit 80 lb.; California lemons, 79 lb.; Florida limes, 80 lb. For weight of boxes prior to 1942, see p. 5, footnote 19.

<sup>7</sup> In California and Arizona, Navel and miscellaneous.

<sup>8</sup> Production includes the following excessive quantities not utilized on account of economic conditions (1,000 boxes): Texas, 500; Arizona, 923 (480 unharvested and 443 dumped).

Bureau of Agricultural Economics.

TABLE 235.—*Citrus fruits: Production, value, foreign trade, United States, and receipts from Puerto Rico, 1929-47*

## ORANGES, INCLUDING TANGERINES

Season <sup>1</sup>	Total production <sup>2</sup>	Production having value <sup>3</sup>	Season average returns per box to growers <sup>4</sup>	Farm value	Quantities processed <sup>5</sup>	Foreign trade, year beginning November		Receipts from Puerto Rico, year beginning July
						Domestic exports	Imports <sup>6</sup>	
	1,000 boxes	1,000 boxes	Dollars	1,000 dollars	1,000 boxes	1,000 boxes	1,000 boxes	1,000 boxes
1929	31,829	31,829	3.59	114,171	647	2,189		221
1930	55,060	55,060	1.35	74,431	2,035	4,936	16	97
1931	49,902	49,902	1.22	61,029	2,532	3,203	19	39
1932	51,615	51,615	.88	45,367	2,688	3,294	17	14
1933	47,174	46,197	1.38	63,949	899	3,296	21	19
1934	63,988	62,593	1.15	71,898	3,956	5,425	29	17
1935	52,073	51,459	1.51	77,838	1,942	4,209	47	5
1936	54,538	53,515	1.75	93,619	6,591	2,488	22	3
1937	74,285	73,081	.84	60,991	5,830	7,597	25	2
1938	78,531	75,582	.77	57,979	6,058	6,471	28	1
1939	75,742	74,506	.95	70,847	7,238	3,828	22	(?)
1940	85,510	84,188	1.19	99,910	9,848	4,360	11	0
1941	85,163	84,401	1.56	131,327	11,442	4,570	0	0
1942	89,349	88,665	2.46	218,532	13,955	4,908	1	0
1943	106,651	105,821	2.64	279,622	16,841	6,413	(?)	0
1944	113,210	111,439	2.69	300,024	24,222	6,108	(?)	0
1945	104,350	103,619	2.93	303,939	27,246	7,467	143	0
1946	118,540	115,901	1.55	179,429	31,634	8,639	68	0
1947 <sup>8</sup>	114,380	112,817	1.25	140,869	40,694			

## GRAPEFRUIT

						Foreign trade, year beginning September		
1929	11,215	11,215	1.80	21,211	1,660	809	127	978
1930	18,690	18,690	.73	13,613	2,949	1,361	78	428
1931	15,181	15,181	.80	12,215	1,036	1,119	120	551
1932	15,004	15,004	.58	8,736	2,587	905	80	266
1933	21,672	21,672	.83	12,126	2,525	1,000	48	421
1934	21,347	21,166	.55	11,669	6,248	1,022	79	215
1935	18,347	18,313	.88	16,175	4,498	928	103	356
1936	30,670	30,570	.58	17,690	10,025	704	106	146
1937	31,133	31,103	.57	17,726	12,055	1,004	67	127
1938	43,594	39,820	.32	12,529	15,181	1,235	37	57
1939	35,192	34,846	.44	15,338	16,318	811	78	84
1940	42,883	42,879	.43	18,522	20,855	808	149	34
1941	40,261	40,257	.75	29,996	17,961	855	131	45
1942	50,481	50,479	1.15	58,073	27,194	1,069	45	0
1943	56,090	56,088	1.53	85,652	31,286	1,218	27	0
1944	52,180	52,177	1.69	88,139	26,839	1,351	46	0
1945	63,450	63,448	1.37	87,033	35,416	1,978	11	1
1946	55,520	55,484	.86	47,938	27,050	2,698	38	0
1947 <sup>8</sup>	61,630	54,670	.51	27,814	29,541			

## LEMONS

						Foreign trade, year beginning November		
1929	6,109	6,109	3.65	22,298	466	178	1,118	
1930	7,950	7,950	2.20	17,490	2,232	268	362	
1931	7,696	7,696	1.82	14,007	2,435	223	92	
1932	6,704	6,704	2.15	14,414	948	158	134	
1933	7,295	7,295	2.45	17,873	1,087	230	23	
1934	10,747	10,747	1.44	15,476	3,549	546	3	
1935	7,787	7,787	3.17	24,685	351	634	86	
1936	7,579	7,579	3.06	23,192	1,032	256	34	
1937	9,304	9,304	1.84	17,119	1,529	720	46	
1938	11,106	11,106	1.48	16,437	3,315	831	0	
1939	11,983	11,983	1.59	19,053	3,642	470	(?)	
1940	17,236	16,734	1.20	29,081	7,850	516	(?)	
1941	11,720	11,720	1.60	18,752	3,835	500	(?)	
1942	14,880	14,880	2.47	36,754	5,225	468	(?)	
1943	11,050	11,050	3.31	36,576	1,771	494	(?)	
1944	12,550	12,550	2.75	34,512	2,900	573	(?)	
1945	14,450	14,450	1.94	28,033	5,321	578	(?)	
1946	13,800	13,800	2.67	36,846	4,414	476	7	
1947 <sup>8</sup>	12,870	12,870	2.44	31,403	4,386			

See footnotes at end of table.



TABLE 235.—*Citrus fruits: Production, value, foreign trade, United States, and receipts from Puerto Rico, 1929-47—Continued*

## LIMES

Season <sup>1</sup>	Total production <sup>2</sup>	Production having value <sup>3</sup>	Season average returns per box to growers <sup>4</sup>	Farm value	Quantities processed <sup>5</sup>	Foreign trade, year beginning July		Receipts from Puerto Rico, year beginning July
						Domestic exports	Imports <sup>6</sup>	
	1,000 boxes	1,000 boxes	Dollars	1,000 dollars	1,000 boxes	1,000 boxes	1,000 boxes	1,000 boxes
1929.....	8	8	4.50	36	.....	.....	61	.....
1930.....	8	8	4.00	32	.....	.....	66	.....
1931.....	9	9	3.50	32	.....	.....	75	.....
1932.....	10	10	3.00	30	.....	.....	42	.....
1933.....	12	12	2.50	30	.....	.....	52	.....
1934.....	15	15	3.00	45	.....	.....	76	.....
1935.....	12	12	3.75	45	.....	.....	123	.....
1936.....	45	45	3.25	146	.....	.....	145	.....
1937.....	70	70	3.25	228	.....	.....	103	.....
1938.....	95	95	2.60	247	.....	.....	43	.....
1939.....	95	95	2.80	266	.....	.....	50	.....
1940.....	80	80	2.85	228	.....	.....	50	.....
1941.....	150	150	2.10	315	8	.....	44	.....
1942.....	175	175	2.36	413	7	.....	52	.....
1943.....	190	190	4.79	910	18	.....	70	.....
1944.....	250	250	4.86	1,215	11	.....	55	.....
1945.....	200	200	3.58	716	42	.....	68	.....
1946.....	170	170	3.95	672	28	.....	64	.....
1947 *.....	170	170	3.34	568	6	.....	.....	.....

<sup>1</sup> Season begins with the bloom of the year shown and ends with the completion of harvest the following year. In California picking usually extends from about Oct. 1 to Dec. 31 of the following year. In other States the season begins about Oct. 1 and ends in early summer, except for Florida limes, harvest of which usually starts about Apr. 1.

<sup>2</sup> Estimates of production include fruit consumed on farms, sold locally, and used for manufacturing purposes, as well as that shipped. Fruit ripened on the trees but destroyed by freezing or storms prior to picking is not included. For weight of boxes see pp. 4 and 5.

<sup>3</sup> Differences between "total production" and "production having value" consist of fruit unharvested, donated to charity, and/or eliminated.

<sup>4</sup> Prices are equivalent returns per box at the intake packing-house door for all methods of sale. Prices are State averages, weighted by production rather than by sales to obtain United States average.

<sup>5</sup> Includes quantities used for juice, concentrates, grapefruit segments, and other citrus products. In some seasons, includes appreciable quantities of oranges and lemons in California delivered to processing plants which were not utilized, but for which growers received payment.

<sup>6</sup> Imports converted to boxes on the following basis: Oranges, 90 pounds per box; grapefruit, 80 pounds per box; lemons, 76 pounds per box; limes, 80 pounds per box.

<sup>7</sup> Less than 500 boxes.

<sup>8</sup> As estimated from prospects on Dec. 1, 1948.

<sup>9</sup> Imports include pomelos, beginning Jan. 1, 1941.

<sup>10</sup> Exports include limes, beginning Jan. 1, 1941.

Bureau of Agricultural Economics. Trade data from official records of the Department of Commerce. Data for 1919-28 in Agricultural Statistics, 1942, table 291.

TABLE 236.—*Citrus fruit: Production in specified countries, averages 1930-34 and 1935-39, annual 1942-47*<sup>1</sup>

## ORANGES (INCLUDING TANGERINES)

Continent and country	Average		1942	1943	1944	1945	1946	1947 <sup>2</sup>
	1930-34	1935-39						
	1,000 boxes	1,000 boxes	1,000 boxes	1,000 boxes	1,000 boxes	1,000 boxes	1,000 boxes	1,000 boxes
North America:								
Costa Rica.....	7	6	34	33	30	30	30	30
Mexico.....	3,486	4,761	7,561	8,317	8,943	9,280	10,778	11,066
United States.....	53,548	67,034	89,349	106,651	113,210	104,350	118,540	115,580
Cuba.....	710	1,050	1,000	1,250	1,150	1,125	1,175	1,200
Dominican Republic.....	500	500	549	492	321	485	428	400
Jamaica.....	500	595	525	500	525	600	550	760
Trinidad and Tobago.....	65	55	70	70	75	75	77	80
Total.....	58,816	74,001	99,088	117,313	124,254	115,945	131,578	129,116
Europe:								
Aegean Islands.....	31	43	40	40	40	40	40	40
France.....	39	37	24	6	20	21	30	30
Greece.....	775	1,267	1,000	1,000	1,000	1,216	1,150	1,329
Italy.....	14,304	11,701	11,020	11,621	8,489	9,715	11,590	12,125
Spain.....	34,697	24,167	24,921	24,901	30,576	26,603	17,772	27,589
Total.....	49,486	37,215	37,005	37,568	40,125	37,595	30,582	41,113
Asia:								
Cyprus.....	191	441	300	325	369	317	600	600
Iran.....	500	483	1,200	1,575	1,300	1,500	1,575	1,827
Lebanon.....	853	1,093	1,168	1,095	827	1,553	1,211	2,280
Palestine.....	4,405	8,652	5,000	8,400	6,000	8,000	9,199	13,000
Syria.....	(4)	(9)	(4)	(4)	70	70	73	81
Turkey.....	1,000	1,343	631	774	908	1,110	1,265	1,300
Japan.....	12,926	15,895	17,088	17,500	15,669	11,912	12,000	13,000
Philippine Islands.....	139	136	110	100	90	90	90	90
Total.....	20,014	28,043	25,497	29,769	25,233	24,552	26,013	32,178
South America:								
Argentina.....	4,705	9,212	18,021	11,240	11,136	9,092	10,689	10,000
Brazil.....	28,056	34,466	35,465	27,804	28,621	29,967	30,084	31,600
Chile.....	200	250	400	415	440	500	500	500
Ecuador.....	500	580	480	500	475	493	444	336
Paraguay.....	4,000	5,000	7,000	7,394	7,000	6,700	6,450	6,500
Surinam.....	21	20	11	25	36	43	86	100
Uruguay.....	1,000	1,300	1,300	1,100	900	794	782	800
Total.....	38,482	50,828	62,677	48,478	48,608	47,589	49,035	49,836
Africa:								
Algeria.....	2,063	3,191	3,547	3,449	3,221	4,298	3,055	3,401
British East Africa.....	100	100	130	140	150	144	150	150
Egypt.....	3,771	6,455	6,478	7,252	6,915	6,742	6,900	7,000
French Morocco.....	700	1,203	1,845	1,464	1,766	2,149	1,858	2,211
Northern Rhodesia.....	5	11	12	12	13	13	13	13
Southern Rhodesia.....	170	193	236	202	227	259	215	225
Tunisia.....	85	245	391	472	362	425	614	650
Union of South Africa.....	2,280	4,000	6,079	6,860	4,827	4,505	5,326	4,752
Total.....	9,174	15,398	18,718	19,851	17,481	18,535	18,131	18,402
Oceania:								
Australia.....	2,593	2,683	2,100	2,666	2,875	2,606	2,913	3,120
New Zealand.....	11	23	20	9	14	5	10	11
Total.....	2,604	2,706	2,120	2,675	2,889	2,611	2,923	3,131
World total.....	178,936	208,191	245,105	255,654	258,590	246,827	258,262	273,776

See footnotes at end of table.

## CITRUS FRUITS

195

TABLE 236.—*Citrus fruit: Production in specified countries, averages 1930-34 and 1935-39, annual 1942-47*<sup>1</sup>—Continued

## GRAPEFRUIT

Continent and country	Average		1942	1943	1944	1945	1946	1947 <sup>2</sup>
	1930-34	1935-39						
North America:	1,000 boxes	1,000 boxes	1,000 boxes	1,000 boxes	1,000 boxes	1,000 boxes	1,000 boxes	1,000 boxes
United States.....	16,979	31,787	50,481	56,090	52,180	63,450	59,520	62,860
Cuba.....	485	375	250	160	210	90	150	130
Jamaica.....	189	213	225	250	275	266	300	290
Puerto Rico.....	595	448	500	500	500	500	500	525
Trinidad and Tobago.....	19	70	152	130	200	241	291	300
Total.....	18,267	32,893	51,608	57,130	53,365	64,547	60,761	64,105
Asia:								
Palestine.....	285	1,445	300	800	692	800	1,238	1,500
South America:								
Argentina.....	28	49	196	182	112	93	100	100
Africa:								
Algeria.....			13	11	15	16	55	91
French Morocco.....	20	25	25	24	37	42	70	82
Union of South Africa.....	227	431	858	968	681	636	744	670
Total.....	247	456	896	1,003	733	694	869	843
World total.....	18,827	34,843	53,000	59,115	54,902	66,134	62,968	66,548

## LEMONS

North America:								
United States.....	8,078	9,552	14,880	11,050	12,550	14,450	13,800	12,700
Europe:								
Aegean Islands.....	4	9	10	10	10	10	10	10
Greece.....	231	367	375	375	375	328	406	415
Italy.....	13,843	9,637	9,204	8,092	6,784	6,373	7,138	10,153
Spain.....	1,651	1,444	1,085	1,573	1,431	812	1,474	1,566
Total.....	15,729	11,457	10,674	10,050	8,600	7,523	9,028	12,144
Asia:								
Cyprus.....	35	53	31	56	43	89	83	85
Lebanon.....	390	464	350	350	336	725	435	638
Palestine.....	15	88	60	60	312	350	353	500
Syria.....	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	8	9	9	10
Total.....	440	605	441	466	699	1,173	880	1,233
South America:								
Argentina.....	125	371	1,729	1,075	998	1,021	1,134	1,150
Chile.....	200	250	260	290	290	350	450	400
Total.....	325	621	1,989	1,365	1,288	1,371	1,584	1,550
Africa:								
Algeria.....	111	102	89	95	82	119	102	145
Egypt.....	75	83	134	100	140	150	150	150
French Morocco.....	10	10	12	8	14	24	24	31
Tunisia.....	20	45	40	145	174	174	180	175
Union of South Africa.....	80	142	211	242	170	106	124	112
Total.....	296	382	486	590	572	563	580	613
Oceania:								
Australia.....	328	308	290	364	335	356	456	428
New Zealand.....	57	65	50	56	62	54	59	56
Total.....	385	373	340	420	397	410	515	484
World total.....	25,253	22,990	28,810	23,491	24,106	25,490	26,387	28,724

<sup>1</sup> Production estimates relate to the crop from bloom of year shown. Harvesting in Northern Hemisphere countries begins about November and in Southern Hemisphere countries about February of the following year. <sup>2</sup> Preliminary. <sup>3</sup> Includes Syria. <sup>4</sup> Included in Lebanon.

Office of Foreign Agricultural Relations. Prepared or estimated on the basis of official statistics of foreign governments, reports of United States foreign service officers, results of office research, and other information. Production in the United States in terms of boxes of the following weights: Oranges, Florida and Texas, 90 pounds; California, 77 pounds; grapefruit, Florida and Texas, 80 pounds; California, 68 pounds; lemons, 79 pounds. Production in foreign countries converted to boxes of the following weights: Oranges, 70 pounds; grapefruit, 80 pounds; lemons, 76 pounds. For earlier data, see Agricultural Statistics, 1945, table 212, and 1946 book, table 227.

TABLE 237.—Grapefruit segments and single-strength juice, canned: Pack in the United States, receipts from Puerto Rico, and exports, 1928-47

Item and season beginning November—	Domestic pack				Receipts from Puerto Rico	Total pack and receipts	Domestic exports, year beginning July <sup>1</sup>
	Florida	Texas	California and Arizona	Total			
	1,000 cases <sup>2</sup>	1,000 cases <sup>2</sup>	1,000 cases <sup>2</sup>	1,000 cases <sup>2</sup>	1,000 cases <sup>2</sup>	1,000 cases <sup>2</sup>	1,000 cases <sup>2</sup>
Segments:							
1928	957			957	56	1,013	
1929	1,317			1,317	441	1,758	
1930	2,712			2,712	205	2,917	210
1931	907			907	124	1,031	222
1932	2,162			2,162	25	2,187	493
1933	2,185	7		2,192	234	2,426	1,063
1934	3,588	7	4	3,599	236	3,835	962
1935	2,252	23		2,275	344	2,619	997
1936	4,058	131		4,189	244	4,433	1,151
1937	3,419	104		3,523	208	3,731	1,159
1938	4,106	106		4,212	96	4,308	1,486
1939	4,134	57		4,191	96	4,287	1,700
1940	3,140	64		3,204	43	3,247	16
1941	4,611	90		4,701	38	4,739	42
1942	888	87		975	0	975	5
1943	943	41		984	0	984	112
1944	411	54		465	32	497	50
1945	2,407	289		2,696	55	2,751	4
1946	5,098	490		5,588	57	5,645	1,487
1947	3,158	242		3,400	30	3,430	26
Juice, single strength:							
1928	205			205		205	
1929	174	18		192		192	
1930	412	50		462	5	467	
1931	248	93		341	1	342	
1932	726	41	12	779	3	782	
1933	610	73	161	844	4	848	
1934	2,237	361	442	3,040	18	3,058	
1935	1,758	544	300	2,602	50	2,652	
1936	3,919	2,247	430	6,616	205	6,821	
1937	3,370	4,962	449	8,811	104	8,915	
1938	6,190	5,254	180	11,624	47	11,671	364
1939	4,682	5,955	296	10,933	36	10,969	783
1940	10,647	5,720	421	16,788	31	16,819	715
1941	6,180	5,508	1,095	12,783	52	12,835	874
1942	15,193	7,360	1,049	23,602	33	23,635	729
1943	16,778	7,864	1,450	26,092	17	26,109	1,069
1944	12,025	9,144	1,266	22,435	217	22,652	678
1945	15,089	9,601	1,372	26,062	128	26,190	2,055
1946	8,583	8,240	791	17,614	219	17,833	2,536
1947	7,987	8,981	482	17,450	206	17,656	1,447

<sup>1</sup> Exports of juice may include small quantities of concentrated juice in recent years. In the 1947 pack year, approximately 425,000 cases of concentrate were thus shipped for Army relief-feeding in Germany.

<sup>2</sup> Equivalent cases of 24 No. 2 cans. Receipts from Puerto Rico and domestic exports of segments converted to cases at 30 pounds per case; juice at 3.4 gallons per case.

<sup>3</sup> January-June 1931.

<sup>4</sup> January-June 1939.

Production and Marketing Administration. Based on data obtained from various canners' associations and individual canners. Exports from reports of the Department of Commerce. Figures in this table have been somewhat revised from those in earlier issues.

TABLE 238.—Orange juice, blended juices, and lemon juice, single-strength, canned: United States packs, 1929-47

Season beginning November—	Orange juice				Blended orange and grapefruit juices				Lemon juice
	Florida	California and Arizona	Texas	Total	Florida	California and Arizona	Texas	Total	California
	1,000 cases <sup>1</sup>	1,000 cases <sup>1</sup>	1,000 cases <sup>1</sup>	1,000 cases <sup>1</sup>	1,000 cases <sup>1</sup>	1,000 cases <sup>1</sup>	1,000 cases <sup>1</sup>	1,000 cases <sup>1</sup>	1,000 cases <sup>1</sup>
1929.....	38			38					
1930.....	61	33		94					
1931.....	36			36					
1932.....	64	35		99					
1933.....	58	245		303					
1934.....	241	704		945					42
1935.....	162	874		1,036	85			85	141
1936.....	408	912		1,410	272			272	249
1937.....	806	234		1,040	547			547	212
1938.....	926	337		1,263	699			699	59
1939.....	2,851	744		3,595	1,403			1,403	128
1940.....	3,078	1,016		4,094	2,537			2,537	294
1941.....	3,466	1,311		4,777	2,304			2,304	228
1942.....	2,429	394		2,823	3,676	1		3,677	29
1943.....	7,075	1,371		8,446	6,176	38		6,214	111
1944.....	13,935	2,842		16,777	7,745	76		7,821	330
1945.....	18,421	3,705	56	22,182	12,267	568		12,835	627
1946.....	17,294	2,321	102	19,717	10,034	85		10,119	327
1947.....	25,593	1,550	165	27,308	11,894	176		12,070	492

<sup>1</sup> Equivalent cases of 24 No. 2 cans.

Production and Marketing Administration.

TABLE 239.—Citrus fruits: Auction price per box at New York and Chicago, 1938-47

Market and season	Grapefruit			Oranges				Market and Season	Grapefruit			Oranges			
	Florida	Texas	Lemons, California	California		Florida	Florida		Texas	Lemons, California	California		Florida		
				Navels	Valencias						Navels	Valencias			
New York:	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Chicago:	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.		
1938.....	1.75	2.04	4.19	2.86	3.02	2.10	1938.....	1.94	1.86	4.32	2.72	2.94	2.26		
1939.....	2.21	2.21	4.41	2.84	3.34	2.43	1939.....	2.31	2.04	4.37	2.88	3.20	2.40		
1940.....	1.97	2.34	4.15	3.10	3.39	2.38	1940.....	2.00	1.91	4.19	3.03	3.34	2.46		
1941.....	2.55	2.56	4.45	3.14	3.86	2.87	1941.....	2.83	2.16	4.48	3.03	3.74	2.23		
1942.....	3.16	3.26	5.73	4.72	4.77	3.82	1942.....	3.17	2.81	5.74	4.78	4.58	3.75		
1943.....	3.67	3.56	6.09	4.73	5.46	3.96	1943.....	3.22	3.00	6.20	4.79	5.38	3.87		
1944.....	4.37	3.35	5.62	5.04	5.67	4.60	1944.....	3.34	3.22	5.47	4.94	5.66	4.28		
1945.....	3.97	3.40	5.25	5.48	4.65	4.69	1945.....	3.58	3.08	5.56	5.34	5.10	4.26		
1946.....	3.49	2.67	6.71	4.97	6.17	3.59	1946.....	3.26	2.80	7.47	4.81	6.24	3.37		
1947 <sup>1</sup> .....	3.30	3.21	6.82	5.16	4.32	-----	1947 <sup>1</sup> .....	2.92	2.68	7.00	4.83	4.33	3.07		

<sup>1</sup> Preliminary.

Bureau of Agricultural Economics. Compiled as follows: New York, reports of California Fruit Growers Exchange; Chicago, from Chicago Fruit and Vegetable Reporter. Prices weighted by number of boxes sold.

TABLE 240.—*Cranberries: Acreage, yield, production, season average price per barrel received by farmers, value, and quantities processed, 5 States,<sup>1</sup> 1929-47*

Year	Acreage harvested	Yield per acre	Production	Price	Farm value	Quantities processed <sup>2</sup>	Year	Acreage harvested	Yield per acre	Production	Price	Farm value	Quantities processed <sup>2</sup>
	<i>Acres</i>	<i>Bbl.<sup>3</sup></i>	<i>Bbl.<sup>3</sup></i>	<i>Dol.</i>	<i>1,000 dol.</i>	<i>Bbl.<sup>3</sup></i>		<i>Acres</i>	<i>Bbl.<sup>3</sup></i>	<i>Bbl.<sup>3</sup></i>	<i>Dol.</i>	<i>1,000 dol.</i>	<i>Bbl.<sup>3</sup></i>
1929.....	27,640	20.6	569,800	13.49	7,687	.....	1939.....	28,140	25.0	704,200	9.85	6,933	206,102
1930.....	27,840	21.0	583,500	10.83	6,320	.....	1940.....	28,240	20.2	570,500	12.40	7,055	170,401
1931.....	27,940	23.4	654,000	6.55	4,284	.....	1941.....	28,440	25.5	725,200	11.70	8,491	266,760
1932.....	27,620	21.0	579,800	7.79	4,517	.....	1942.....	28,650	28.8	812,200	12.40	10,078	397,613
1933.....	27,540	25.4	698,700	6.41	4,481	.....	1943.....	28,840	23.9	687,900	16.40	11,270	275,500
1934.....	27,440	16.2	445,300	11.58	5,156	32,700	1944.....	29,100	12.9	375,700	24.60	9,237	158,400
1935.....	27,490	18.8	515,500	12.13	6,255	86,800	1945.....	29,580	22.2	656,100	20.90	13,686	281,000
1936.....	27,700	18.2	504,300	13.58	6,848	88,075	1946.....	29,890	28.6	856,100	31.90	27,291	587,500
1937.....	27,940	31.4	877,300	8.75	7,674	316,887	1947 <sup>4</sup> .....	30,100	26.3	790,200	20.40	16,152	500,200
1938.....	28,040	16.9	474,200	10.98	5,206	43,415							

<sup>1</sup> Massachusetts, New Jersey, Wisconsin, Washington, and Oregon.<sup>2</sup> Mainly for canning, except 128,425 barrels dried in 1943, 61,800 barrels in 1944, and 44,800 barrels in 1945.<sup>3</sup> Barrels of 100 pounds.<sup>4</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1900-28 in Agricultural Statistics, 1942, table 304.

TABLE 241.—*Cranberries: Production and season average price per barrel received by farmers, by States, average 1936-45, annual 1944-47*

State	Production					Price for crop of—				
	Average 1936-45	1944	1945	1946	1947 <sup>1</sup>	Average 1936-45	1944	1945	1946	1947 <sup>1</sup>
	<i>Barrels<sup>2</sup></i>	<i>Barrels<sup>2</sup></i>	<i>Barrels<sup>2</sup></i>	<i>Barrels<sup>2</sup></i>	<i>Barrels<sup>2</sup></i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Massachusetts.....	424,900	159,000	478,000	553,000	485,000	14.00	24.60	21.00	31.40	19.60
New Jersey.....	83,500	59,000	49,000	101,000	82,000	13.90	24.20	19.40	32.20	18.50
Wisconsin.....	97,500	115,000	82,000	145,000	161,000	15.00	25.50	21.20	33.50	24.00
Washington.....	24,180	30,000	36,400	42,000	48,000	13.60	21.80	20.10	32.00	20.00
Oregon.....	8,680	12,700	10,700	15,100	14,200	14.30	24.60	21.20	31.30	21.50
5 States.....	638,760	375,700	656,100	856,100	790,200	14.20	24.60	20.90	31.90	20.40

<sup>1</sup> Preliminary.<sup>2</sup> Barrels of 100 pounds.

Bureau of Agricultural Economics.

TABLE 242.—*Dates: Production, season average price per ton received by farmers, and value, California, and imports, United States, 1929-47<sup>1</sup>*

Year	Production	Price <sup>2</sup>	Farm value	Imports, year beginning July	Year	Production	Price <sup>2</sup>	Farm value	Imports, year beginning July
	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Tons</i>		<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Tons</i>
1929.....	870	222	193	26,625	1939.....	2,600	126	328	22,547
1930.....	1,560	140	218	21,214	1940.....	6,200	117	725	22,394
1931.....	1,215	60	73	21,950	1941.....	5,790	150	868	9,081
1932.....	2,160	40	86	23,911	1942.....	7,740	202	2,028	1,631
1933.....	2,450	70	122	21,144	1943.....	10,770	466	5,019	324
1934.....	3,160	80	253	26,890	1944.....	13,190	492	6,489	11,964
1935.....	3,250	80	260	27,028	1945.....	6,800	398	2,706	19,518
1936.....	3,970	110	437	29,068	1946.....	16,720	185	3,093	22,592
1937.....	3,630	120	436	25,822	1947 <sup>3</sup> .....	10,180	94	957	.....
1938.....	3,530	125	441	23,474					

<sup>1</sup> The 1940 census reported date production in California, Arizona, and a few minor States in 1939, but of the total production 95 percent was in California.<sup>2</sup> Equivalent returns per ton for bulk fruit at the first delivery point.<sup>3</sup> Preliminary.

Bureau of Agricultural Economics. Imports from records of Department of Commerce.

TABLE 243.—Figs: Production, season average price per ton received by farmers, and value, California and Texas, and imports, United States, 1929-47

Year	California						Texas, commercial preserving				California and Texas				Net im-ports, year beginning July (dried figs) <sup>1</sup>	
	Dried			Fresh and canned			Total		Production (fresh basis)		Farm value		Price			
	Total production (dry basis)	Stand-ard	Sub-stand-ard	Price	Farm value	Production (fresh basis)	Farm value	Price	Production (fresh basis)	Farm value	Price	Production (fresh basis)	Farm value	Price		
	Tons	Tons	Tons	Dollars	1,000 dollars	Tons	Dollars	1,000 dollars	Tons	Dollars	1,000 dollars	Tons	Dollars	1,000 dollars	Tons	
1929.....	17,000	12,000	5,000	90.00	1,538	7,300	38.77	2,260	2,780	40.00	111	61,080	38.92	2,371	8,884	
1930.....	21,000	15,100	5,900	48.00	1,098	7,700	24.06	1,701	2,960	45.00	133	73,660	24.90	1,834	6,950	
1931.....	17,000	9,500	7,500	37.00	629	6,300	18.13	1,021	1,850	50.00	109	58,150	19.43	1,130	3,837	
1932.....	19,000	14,300	4,700	25.47	484	6,500	11.35	721	1,510	47.00	24	64,010	11.64	745	2,935	
1933.....	21,500	17,200	4,300	43.80	942	6,900	17.61	1,240	660	55.00	36	71,000	17.96	1,276	3,543	
1934.....	22,900	17,400	5,500	59.30	1,358	9,000	23.49	1,825	1,970	62.00	50	78,570	23.83	1,875	2,828	
1935.....	24,000	18,800	5,200	43.00	1,032	10,200	19.56	1,608	1,450	59.00	102	83,790	20.41	1,710	3,190	
1936.....	20,000	15,000	5,000	77.00	1,540	11,000	30.66	2,134	1,450	59.00	86	72,450	30.64	2,220	3,802	
1937.....	28,700	23,600	5,100	68.00	1,952	12,000	28.30	2,798	1,010	94.00	97	109,710	29.01	2,593	2,946	
1938.....	31,500	20,600	10,900	65.10	2,053	11,000	56.50	3,022	1,140	45.00	64	105,740	25.57	2,729	2,416	
1939.....	28,000	20,900	5,100	78.00	2,028	9,300	49.10	457	87	300	28.50	2,485	68,440	28.80	2,549	2,323
1940.....	32,000	24,100	7,900	70.00	2,240	15,000	58.10	862	111	63	90	4,923	111,840	28.20	3,155	785
1941.....	33,500	25,000	8,500	114.00	3,819	19,000	57.50	1,104	119	500	41	20	120,900	41.50	5,013	91
1942.....	28,200	22,900	5,300	171.00	4,822	17,000	70.30	1,348	101	600	60	1,460	102,700	61.00	6,260	4,210
1943.....	36,700	29,900	6,800	292.00	10,716	23,000	137.00	3,151	133	1,000	100	13,867	133,560	104.00	13,940	1,244
1944.....	35,200	27,400	7,800	253.00	8,906	19,000	130.00	2,470	124	600	91	30	125,350	91.80	11,502	1,068
1945.....	32,600	25,600	7,000	273.00	8,900	14,000	139.00	1,946	111	800	97	10	112,800	97.50	11,013	482
1946.....	36,000	27,700	8,300	278.00	10,175	18,000	141.00	2,538	127	800	96	50	139,080	100.00	12,968	400
1947.....	38,000	30,700	7,300	124.00	4,712	16,000	50.50	6,568	1,760	174.40	132	130,760	51.50	6,700	400	

<sup>1</sup> Equivalent returns per ton for bulk fruit at the first delivery point.<sup>2</sup> California dried figs converted to fresh basis at ratio of 3 pounds fresh to 1 pound dried.<sup>3</sup> General imports minus re-exports, 1929-33; imports for consumption, 1934-41; imports for consumption minus exports—1942 to date.<sup>4</sup> Net exports; classification beginning 1943.<sup>5</sup> Preliminary.

Bureau of Agricultural Economics. Imports and exports from records of Department of Commerce.



TABLE 244.—*Grapes: Production, value, and foreign trade; also raisin production and foreign trade, United States, 1929-47*

Year	Grapes						Raisins								
	Production (fresh basis) <sup>1</sup>			Season average price per ton received by farmers			Total farm value	Foreign trade, year beginning July			Production (Calif.)	Foreign trade, year beginning September <sup>2</sup>			
	California	Other States	United States	California <sup>3</sup>	Other States	United States		Domestic exports		Imports, fresh		Net exports <sup>4</sup>			
								Fresh	Canned, in terms of fresh						
	1,000 tons	1,000 tons	1,000 tons	Dollars	Dollars	Dollars	1,000 dollars	Tons	Tons	Tons	Tons	1,000 tons	Tons	Imports	Domestic exports
1929	1,827	259	2,086	23.79	52.37	27.33	57,007	23,079	20,448	2,687	20,448	215	66,383	739	
1930	2,181	277	2,458	16.30	42.99	19.46	45,536	24,900	22,107	2,866	22,107	192	66,795	1,131	
1931	1,320	327	1,647	20.23	32.08	22.60	36,986	13,806	10,902	3,013	10,902	169	60,877	662	
1932	1,360	379	1,739	17.38	22.80	13.35	27,753	14,076	11,616	3,157	11,616	202	52,530	563	
1933	1,660	279	1,939	16.10	26.31	18.00	34,544	13,844	10,415	3,128	10,415	186	48,226	527	
1934	1,700	258	1,958	17.52	34.31	19.75	38,664	15,844	12,864	3,479	12,864	203	40,891	473	
1935	2,194	283	2,477	12.93	29.79	14.86	36,800	18,676	14,097	4,579	14,097	203	59,121	348	
1936	1,836	183	2,019	10.10	42.52	21.36	40,531	23,058	18,305	4,753	18,305	182	59,121	256	
1937	2,454	272	2,726	18.99	33.67	20.41	55,456	35,014	4,549	30,274	247	76,674	84,290	174	
1938	2,531	140	2,671	12.83	44.93	14.51	38,760	33,929	4,443	25,337	245	62,079	148	148	
1939	2,228	221	2,449	13.70	38.70	15.90	39,034	29,980	4,443	25,337	245	62,079	148	148	
1940	2,290	216	2,496	15.50	34.50	17.20	42,302	30,523	3,419	27,155	171	49,349	55	55	
1941	2,567	178	2,745	12.81	48.80	14.20	65,725	32,101	3,389	28,861	209	52,561	59	59	
1942	2,160	238	2,398	23.40	55.10	33.60	85,174	22,025	19	1,430	20,614	254	84,925	50	50
1943	2,789	176	2,965	60.70	86.20	62.20	184,550	23,751	669	23,083	303	126,786	19	19	
1944	2,514	198	2,712	77.20	99.00	78.80	213,689	22,402	23	19,670	310	104,072	73	73	
1945	2,663	118	2,781	56.50	121.00	59.30	164,193	24,067	23	3,779	25,288	241	53,179	1	1
1946	2,663	202	2,865	90.50	142.00	40.00	296,491	36,091	(10)	6,986	193	193	43,648	1,224	1,224
1947	2,872	200	3,072	35.50	104.00	40.00	122,755	36,091	1	6,986	29,106	310	43,648	1,224	1,224

<sup>1</sup> Includes the following quantities unharvested on account of economic conditions: (1,000 tons) California, 1930-1933, 316; but left, the vines: 1931-10: 1932-154: 1933-3. Other States, 1937-9: 1940-2. Price and value apply only to the harvested portion of the crop plus a quantity of fruit that was sold but left on the vines in 1930.

<sup>2</sup> Equivalent returns per ton for bulk fruit at the first delivery point. <sup>3</sup> Total exports (domestic plus foreign) minus total imports. Beginning 1935, domestic exports minus imports for consumption.

<sup>4</sup> Included in total production of grapes, fresh basis; 1 ton of raisins equivalent to about 4 tons of fresh grapes.

<sup>5</sup> Exports and imports of raisins converted to sweatbox, or production, basis at the ratio of 1 to 1.06.

<sup>6</sup> Beginning 1933, imports for consumption.

<sup>7</sup> January-June 1941; first date reported. One pound canned equals 0.741 pound fresh.

<sup>8</sup> Includes currants beginning January 1943.

<sup>9</sup> The production estimate for California includes 12,000 tons (fresh weight) of raisin varieties lost on the drying trays because of rain damage.

<sup>10</sup> Less than 1/2 ton.

<sup>11</sup> Preliminary.

Bureau of Agricultural Economics. Foreign trade compiled from Monthly Summaries of Foreign Commerce of the United States, January and June issues, 1929-42, and official records of the U. S. Department of Commerce.

TABLE 245.—*Grapes: Production and season average price per ton received by farmers, by States, average 1936-45, annual 1945-47*

State and division	Production <sup>1</sup>				Price for crop of—			
	Average 1936-45	1945	1946	1947 <sup>2</sup>	Average 1936-45	1945	1946	1947 <sup>3</sup>
	Tons	Tons	Tons	Tons	Dollars	Dollars	Dollars	Dollars
New York.....	53,350	31,300	64,500	60,000	63.30	143.00	163.00	118.00
New Jersey.....	2,270	900	2,400	1,900	61.60	128.00	114.00	102.00
Pennsylvania.....	15,820	6,000	19,500	18,100	64.30	140.00	158.00	110.00
North Atlantic.....	71,440	38,200	86,400	80,000	63.90	142.00	161.00	116.00
Ohio.....	18,360	5,100	12,500	15,400	58.60	135.00	150.00	100.00
Indiana.....	2,610	1,300	1,900	2,400	53.70	120.00	100.00	75.00
Illinois.....	3,810	2,800	2,300	3,200	55.50	110.00	100.00	94.00
Michigan.....	34,180	13,500	31,000	42,500	59.20	138.00	137.00	88.00
Iowa.....	3,020	3,000	2,700	2,600	63.30	100.00	95.00	95.00
Missouri.....	5,800	3,800	3,100	3,800	54.90	86.00	84.00	74.00
Kansas.....	2,290	2,300	1,600	1,900	62.80	76.00	92.00	88.00
North Central.....	70,070	31,800	55,100	71,800	58.10	120.00	131.00	89.90
Virginia.....	1,810	400	2,200	1,800	83.90	180.00	170.00	170.00
West Virginia.....	1,235	300	1,800	900	81.70	184.00	150.00	150.00
North Carolina.....	5,480	2,900	5,100	5,600	81.60	178.00	200.00	180.00
South Carolina.....	1,210	1,100	1,100	1,100	84.40	165.00	200.00	180.00
Georgia.....	1,820	2,300	2,200	2,600	90.00	180.00	190.00	180.00
South Atlantic.....	11,555	7,000	12,400	12,000	82.80	177.00	186.00	176.00
Arkansas.....	8,170	5,200	10,800	12,600	52.40	120.00	125.00	89.00
South Central.....	8,170	5,200	10,800	12,600	52.40	120.00	125.00	89.00
Arizona.....	950	1,000	1,000	1,100	94.90	266.00	387.00	242.00
Washington.....	11,810	19,500	19,400	21,400	38.50	64.20	84.70	67.40
Oregon.....	1,920	1,700	1,600	1,500	50.60	87.00	90.00	80.00
California, all.....	2,385,000	2,663,000	2,958,000	2,872,000	\$ 33.00	\$ 56.50	\$ 90.50	\$ 35.50
Wine varieties.....	553,900	619,000	684,000	517,000	\$ 38.60	\$ 62.30	\$ 104.00	\$ 33.40
Table varieties.....	451,600	512,000	630,000	620,000	\$ 43.50	\$ 58.00	\$ 98.50	\$ 45.60
Raisin varieties.....	1,379,500	1,532,000	1,644,000	1,735,000	\$ 27.40	\$ 53.70	\$ 81.90	\$ 32.50
Raisins <sup>4</sup> .....	254,950	241,000	193,000	315,000	\$ 105.00	\$ 203.00	\$ 312.00	\$ 128.00
Not dried.....	359,700	568,000	872,000	475,000	\$ 33.80	\$ 58.80	\$ 85.30	\$ 34.00
Western.....	2,399,680	2,685,200	2,980,000	2,896,000	33.10	56.70	90.60	35.90
Other States <sup>5</sup> .....	18,005	14,000	14,800	-----	-----	-----	-----	-----
United States.....	2,578,920	2,781,400	3,150,500	3,072,400	34.90	59.30	93.80	40.00

<sup>1</sup> For some States in certain years, production includes some quantities unharvested on account of economic conditions. In 1945, the production estimate for California includes 12,000 tons (fresh weight) of raisin varieties lost on the drying trays because of rain damage.

<sup>2</sup> Preliminary.

<sup>3</sup> Equivalent returns per ton for bulk fruit at the first delivery point.

<sup>4</sup> Dried basis: 1 ton of raisins equivalent to about 4 tons of fresh grapes.

<sup>5</sup> "Other States" totals include Massachusetts, Rhode Island, Connecticut, Wisconsin, Nebraska, Delaware, Maryland, Florida, Kentucky, Tennessee, Alabama, Oklahoma, Texas, Idaho, Colorado, New Mexico, and Utah. Estimates of grape production for those States were discontinued, beginning with the 1947 crop.

Bureau of Agricultural Economics.

TABLE 246.—*Grapes: Utilization of production, United States, 1938-47 crops*

Year	Total production	Production having value <sup>1</sup>	Farm disposition		Utilization of quantities sold			
			For farm household use	Sold	Fresh	Processed		
						Canned <sup>2</sup>	Dried	Other <sup>3</sup>
	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons
1938.....	2,671,150	2,671,150	32,460	2,638,690	550,992	5,000	1,168,800	913,898
1939.....	2,448,950	2,448,950	39,350	2,409,600	601,150	11,000	988,600	808,850
1940.....	2,466,450	2,464,050	36,720	2,427,330	633,250	11,300	688,600	1,064,180
1941.....	2,724,900	2,724,900	34,750	2,690,150	625,500	18,000	840,000	1,206,650
1942.....	2,385,500	2,395,500	36,970	2,358,530	595,780	16,400	1,025,000	723,350
1943.....	2,965,250	2,965,250	31,760	2,933,490	426,620	13,000	1,605,800	889,070
1944.....	2,712,100	2,712,100	37,050	2,675,050	454,860	14,000	1,238,000	968,190
1945.....	2,781,400	2,769,400	26,590	2,742,810	525,260	11,000	969,200	1,237,350
1946.....	3,119,500	3,119,500	32,800	3,086,700	559,650	14,300	732,400	1,780,350
1947 <sup>4</sup> .....	3,072,400	3,072,400	27,100	3,045,300	659,150	23,000	1,261,100	1,102,050

<sup>1</sup> Differences between "total production" and "production having value" consist of fruit not harvested on account of economic conditions.

<sup>2</sup> Includes estimated quantities of grapes canned in California only. In some of the other States, in some years, small quantities of grapes were canned. Estimates of these quantities, however, are not available, and that part of production which was canned in those States is included in "fresh."

<sup>3</sup> Mostly crushed for wine, brandy, and juice, but also includes quantities for freezing, jam, and jelly.

<sup>4</sup> Preliminary.

Bureau of Agricultural-Economics. Data for 1934-37 in Agricultural Statistics, 1946, table 236.

TABLE 247.—*Grapes: Utilization of production, by States, 1946 and 1947 crops*  
CROP OF 1946

State	Total production	Production having value	Farm disposition		Utilization of quantities sold			
			For farm household use	Sold	Fresh	Processed		
						Canned	Dried	Other <sup>1</sup>
	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons
New York.....	64,500	64,500	1,620	62,880	6,880	.....	.....	56,000
New Jersey.....	2,400	2,400	200	2,200	1,240	.....	.....	960
Pennsylvania.....	10,500	10,500	2,500	17,000	2,400	.....	.....	14,600
Ohio.....	12,500	12,500	2,000	10,500	3,500	.....	.....	7,000
Michigan.....	31,000	31,000	1,700	29,300	9,300	.....	.....	20,000
Arkansas.....	10,800	10,800	800	10,000	500	.....	.....	9,500
Washington.....	19,400	19,400	680	18,720	1,580	.....	.....	17,140
California, all.....	2,918,000	2,918,000	2,700	2,915,300	516,700	14,300	732,400	1,651,900
Wine varieties.....	684,000	684,000	1,400	682,600	102,100	.....	.....	580,400
Table varieties.....	630,000	630,000	600	629,400	270,400	.....	400	358,600
Raisin varieties.....	1,604,000	1,604,000	700	1,603,300	144,200	14,300	732,000	712,800
Other States <sup>1</sup> .....	41,400	41,400	20,660	20,800	17,550	.....	.....	3,250
United States.....	3,119,500	3,119,500	32,800	3,086,700	559,650	14,300	732,400	1,780,350

CROP OF 1947<sup>2</sup>

	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons
New York.....	60,000	60,000	1,620	58,380	6,080	.....	.....	52,300
New Jersey.....	1,900	1,900	200	1,700	870	.....	.....	830
Pennsylvania.....	18,100	18,100	2,000	16,100	1,800	.....	.....	14,300
Ohio.....	15,400	15,400	2,200	13,200	4,500	.....	.....	8,700
Michigan.....	42,500	42,500	1,800	40,700	14,150	.....	.....	26,550
Arkansas.....	12,600	12,600	900	11,700	580	.....	.....	11,120
Washington.....	21,400	21,400	750	20,650	1,840	.....	.....	18,810
California, all.....	2,872,000	2,872,000	2,700	2,869,300	619,200	23,000	1,261,100	966,000
Wine varieties.....	517,000	517,000	1,400	515,600	114,600	.....	.....	401,000
Table varieties.....	620,000	620,000	600	619,400	327,600	.....	1,100	290,700
Raisin varieties.....	1,735,000	1,735,000	700	1,734,300	177,000	23,000	1,260,000	274,300
Other States <sup>1</sup> .....	28,500	28,500	14,930	13,570	10,130	.....	.....	3,440
United States.....	3,072,400	3,072,400	27,100	3,045,300	659,150	23,000	1,261,100	1,102,050

<sup>1</sup> Mostly crushed for wine, brandy, and juice, but also includes quantities for freezing, jam, and jelly.

<sup>2</sup> Fresh basis: dried raisins converted to fresh weight at ratio of 4 tons fresh to 1 ton dried.

<sup>3</sup> For years prior to 1947: *Massachusetts, Rhode Island, Connecticut, Indiana, Illinois, Wisconsin, Iowa, Missouri, Nebraska, Kansas, Delaware, Maryland, Virginia, West Virginia, North Carolina, South Carolina, Georgia, Florida, Kentucky, Tennessee, Alabama, Oklahoma, Texas, Idaho, Colorado, New Mexico, Arizona, Utah, and Oregon.* Reports from States in italics were discontinued, beginning with the 1947 crop.

<sup>4</sup> Includes estimated quantities of grapes canned in California only. In some of the other States, in some years, small quantities of grapes were canned. Estimates of these quantities are not available, however, and that part of production which was canned in those States is included in "fresh sales".

<sup>5</sup> Preliminary.

Bureau of Agricultural Economics.

TABLE 248.—*Grapes, California: Utilization of harvested production of all varieties, 1929-47*

Year	Harvested production	Dried, fresh basis <sup>1</sup>	Table stock <sup>2</sup>	Crushed by commercial wineries	Otherwise used as juice stock <sup>3</sup>	Canned
	Tons	Tons	Tons	Tons	Tons	Tons
1929.....	1,827,000	898,000	320,200	51,000	555,500	2,300
1930.....	1,748,000	782,100	316,400	74,100	574,100	1,300
1931.....	1,310,000	702,400	235,400	34,600	337,300	300
1932.....	1,772,000	1,062,000	230,400	96,000	380,100	500
1933.....	1,657,000	793,000	201,230	444,000	217,800	970
1934.....	1,700,000	695,200	265,400	530,000	209,200	2,200
1935.....	2,194,000	816,000	252,500	887,000	226,100	2,400
1936.....	2,714,000	733,600	289,900	494,000	193,300	3,200
1937.....	2,454,000	994,000	316,400	911,000	225,100	7,500
1938.....	2,531,000	1,168,800	309,200	862,000	186,000	5,000
1939.....	2,228,000	988,600	293,600	712,000	222,800	11,000
1940.....	2,250,000	688,600	326,900	996,000	227,200	11,300
1941.....	2,547,000	840,000	350,900	1,120,000	218,100	18,000
1942.....	2,160,000	1,025,000	320,100	596,100	202,400	16,400
1943.....	2,789,000	1,605,800	318,700	790,000	61,500	13,000
1944.....	2,514,000	1,238,000	274,000	858,000	130,000	14,000
1945.....	2,651,000	969,200	351,000	1,179,000	149,500	11,000
1946.....	2,918,000	732,400	379,100	1,651,900	140,300	14,300
1947.....	2,872,000	1,261,100	458,900	966,000	163,000	23,000

<sup>1</sup> Includes small quantities of dried grapes which were finally used for juice. 1 ton dried equals 4 tons fresh.

<sup>2</sup> Estimates made by the Giannini Foundation of Agricultural Economics, University of California.

Bureau of Agricultural Economics. Compiled partly from reports of the California Cooperative Crop Reporting Service and the Federal-State market news service.

TABLE 249.—*Grapes: Number of packages of selected California varieties sold and the weighted season average prices <sup>1</sup>, auction sales in 12 markets <sup>2</sup>, 1942-47*

Variety or type	Number of packages (crates or lugs) <sup>3</sup>						Average price per package					
	1942	1943	1944	1945	1946	1947	1942	1943	1944	1945	1946	1947
	Thou-sands	Thou-sands	Thou-sands	Thou-sands	Thou-sands	Thou-sands	Dol-lars	Dol-lars	Dol-lars	Dol-lars	Dol-lars	Dol-lars
Tokay.....	689	562	526	217	754	747	1.99	2.89	2.59	2.31	2.75	2.02
Emperor.....	663	743	848	669	1,380	2,289	2.82	3.20	4.02	2.81	3.60	2.54
Red Malaga.....	156	390	330	157	392	492	2.81	4.38	4.07	2.87	4.73	3.17
Ribier.....	415	411	342	244	591	623	2.48	3.29	3.56	2.67	3.54	2.77
Sultanina (Thompson Seedless).....	2,036	*163	*291	*851	2,119	2,570	2.47	5.28	5.56	2.61	4.04	2.85
Malaga.....	527	664	554	197	444	441	1.81	2.93	3.08	2.56	2.38	1.88
Muscat.....	396	(*)	*256	*180	375	470	1.82	-----	3.60	2.48	3.46	2.29
Alicante Bouschet.....	1,071	129	786	519	994	973	2.06	3.43	4.30	2.99	3.43	2.64
Carignane.....	339	7	245	192	230	310	1.57	3.20	3.33	2.84	3.39	2.30
Cornichon.....	54	82	71	53	87	89	2.03	2.45	2.72	2.40	2.60	1.81
Mataro.....	19	6	19	10	15	20	1.77	3.25	4.44	2.81	3.61	2.34
Mission.....	32	-----	9	19	16	35	1.60	-----	3.93	2.73	3.20	1.97
Petit Sirah.....	22	-----	16	2	5	7	1.77	3.24	3.87	3.05	3.86	2.70
Zinfandel.....	757	139	332	67	361	304	1.82	3.12	4.36	2.69	3.80	2.83
Almeria.....	175	152	160	209	364	299	3.04	3.23	4.66	3.02	4.26	2.69
Total or average <sup>4</sup> .....	7,685	3,536	5,083	3,759	8,480	10,105	2.19	3.33	3.83	2.75	3.63	2.58

<sup>1</sup> Season begins about July 1 and ends in December for years prior to 1945; since then this table covers the entire season.

<sup>2</sup> Baltimore, Boston, Chicago, Cincinnati, Cleveland, Detroit, Minneapolis, St. Paul, New York, Philadelphia, Pittsburgh, and St. Louis, except for 1943 when Detroit and Cleveland market news offices were closed. Auction sales at Jersey City are included with New York.

<sup>3</sup> Table stock mostly in packages containing about 28 pounds; juice stock in packages containing mostly 25 to 40 pounds, with some special packs ranging from 42 to 50 pounds.

<sup>4</sup> Most of Thompson Seedless crop and all of Muscat crop in 1943 and most of both crops in 1944 and 1945 were restricted to raisin use, causing greatly reduced quantities of these varieties on fresh market.

<sup>5</sup> All California grapes sold at auction, including some varieties not shown in this table.

Production and Marketing Administration. Data for 1936-41 in Agricultural Statistics, 1942, table 312.

TABLE 250.—Olives: Production, season average price per ton received by farmers, value, and utilization, California; and imports, United States, 1929-47<sup>1</sup>

Year	Production <sup>2</sup>	Price	Farm value	Utilization			Imports, year beginning July			
				Crushed for oil	Canned	Other <sup>3</sup>	Olive oil		Olives	
							Edible	Inedible	In brine	Dried, etc.
	Tons	Dollars	1,000 dollars	Tons	Tons	Tons	1,000 pounds	1,000 pounds	1,000 gallons	1,000 pounds
1929	21,000	66.90	1,405	8,200	9,800	2,200	98,446	60,173	8,452	61
1930	20,000	62.70	1,254	7,800	9,800	1,800	73,793	52,410	7,429	770
1931	16,000	39.40	630	7,100	6,400	1,800	78,669	58,867	7,057	510
1932	22,000	32.00	544	8,200	5,900	2,200	72,366	52,793	4,675	337
1933	14,000	58.30	816	4,200	7,900	1,500	57,433	46,515	5,806	102
1934	18,000	85.30	1,535	4,400	9,900	2,600	62,502	52,591	6,821	169
1935	32,000	45.40	1,453	17,300	7,800	5,400	68,245	36,543	6,442	2,465
1936	27,000	62.50	1,688	11,000	13,800	1,500	57,684	38,982	6,493	1,824
1937	28,000	67.60	1,893	12,300	11,500	3,500	58,665	17,015	5,444	126
1938	45,000	45.80	1,992	27,000	6,900	8,000	65,664	38,447	6,393	99
1939	23,000	74.00	1,702	6,100	12,200	3,700	64,586	36,727	6,907	126
1940	69,000	76.20	5,258	39,100	16,200	12,000	21,697	14,843	7,018	123
1941	55,000	153.00	8,415	28,300	16,700	9,400	6,399	3,103	4,928	44
1942	57,000	122.00	6,954	34,200	11,100	10,100	6,478	834	7,330	( <sup>4</sup> )
1943	57,000	178.00	10,146	28,600	15,500	11,900	960	145	9,348	( <sup>4</sup> )
1944	42,000	200.00	8,400	19,800	13,800	7,600	7,690	101	9,847	0
1945	30,000	269.00	8,070	9,800	13,500	6,400	1,795	82	10,532	17
1946	48,000	374.00	17,952	14,300	27,500	5,900	16,956	274	8,572	325
1947 <sup>5</sup>	40,000	159.00	6,360	20,200	14,000	5,100				

<sup>1</sup> According to the 1940 census there is also some commercial production of olives in Arizona but 99.8 percent of the 1939 production was in California.

<sup>2</sup> Includes the following quantities unharvested on account of economic conditions (tons): 1932—5,000; 1938—1,500. Price and value apply only to the harvested portion of the crop.

<sup>3</sup> Includes the olives used for California Spanish Green, Greek style, Sicilian style, chopped, minced, brine, and other cures.

<sup>4</sup> Less than 500 pounds.

<sup>5</sup> Preliminary.

Bureau of Agricultural Economics. Imports compiled from reports of Department of Commerce. About 40 gallons of oil are obtained from 1 ton of olives in California. A gallon of olive oil weighs approximately 7.5 pounds.

## PEACHES

205

TABLE 251.—*Peaches: Production, value, and domestic exports, United States, 1929-47*

Year	Total production	Production having value <sup>1</sup>	Season average price per bushel received by farmers	Farm value	Domestic exports, year beginning July <sup>2</sup>				
					Fresh	Dried <sup>3</sup>	Canned	Dried in fruit salad <sup>4</sup>	Total in terms of fresh <sup>5</sup>
	1,000 bushels	1,000 bushels	Dollars	1,000 dollars	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 bushels
1929	42,827								
1929	45,358	45,358	1.49	67,596	19,973	3,847	74,470		
1930	36,392	52,142	1.00	52,062	12,859	8,482	75,763	3,049	2,490
1931	77,846	73,306	.60	43,818	10,731	8,490	66,300	3,268	3,306
1932	44,108	36,399	.60	21,961	3,298	7,649	74,999	2,963	3,093
1933	46,141	43,974	.80	35,351	3,371	7,569	81,464	2,511	2,974
1934	44,748								
1934	48,602	46,112	.87	40,084	4,884	6,351	50,419	2,393	2,259
1935	55,440	55,348	.89	49,144	10,041	6,097	102,957	3,039	3,510
1936	48,756	48,756	1.00	48,886	16,071	7,045	60,244	1,887	2,720
1937	60,049	59,944	1.04	62,270	8,154	6,349	56,388	2,735	2,493
1938	53,922	52,655	.77	40,285	10,436	8,238	96,651	4,381	3,828
1939	56,577								
1939	64,222	63,197	.82	52,110	8,779	5,159	86,410	3,279	3,061
1940	57,832	57,025	.80	45,362	7,823	1,604	3,963	752	544
1941	75,363	73,103	.91	66,594	5,967	6,940	17,962	636	1,458
1942	66,720	65,705	1.50	98,393	6,044	10,510	12,037	443	1,763
1943	42,761	42,469	2.69	114,037	11,106	14,671	29,888	( <sup>6</sup> )	2,711
1944	68,011								
1944	78,191	75,745	2.35	178,078	10,104	25,773	35,541	3	4,213
1945	81,548	80,332	2.23	179,532	21,874	4,193	26,922	810	1,650
1946	86,643	86,267	2.13	183,533	20,475	25,363	51,682	4,307	6,258
1947 <sup>7</sup>	82,603	81,111	1.67	135,212					

<sup>1</sup> Differences between "total production" and "production having value" consist of fruit not harvested on account of economic conditions and/or harvested but not utilized because of abnormal cullage.

<sup>2</sup> Compiled from Monthly Summary of Foreign Commerce of the United States, January and June issues, and official records of the Department of Commerce.

<sup>3</sup> Net processed weight.

<sup>4</sup> Dried peaches are 21 percent of total dried fruit for salad.

<sup>5</sup> Exports of dried fruit converted to unprocessed dry weight by dividing by 1.07. Unprocessed dry weight converted to terms of fresh fruit on the basis that 1 pound dried equals 6.5 pounds fresh from 1929 to date; conversion ratios of 5½ and 6 pounds prevailed in earlier years. Canned peaches converted to terms of fresh on basis that 1 pound canned equals about 1 pound fresh. 48 pounds of fresh equal 1 bushel.

<sup>6</sup> January to June; not separately reported prior to this time.

<sup>7</sup> Less than 500 pounds.

\* Preliminary.

Bureau of Agricultural Economics. Italic figures are census returns of harvested production.

TABLE 252.—*Peaches: Production and season average price per bushel received by farmers, by States, average 1936-45, annual 1946 and 1947*

State and division	Production <sup>1</sup>			Price for crop of—		
	Average 1936-45	1946	1947 <sup>2</sup>	Average 1936-45	1946	1947
	1,000 bu.	1,000 bu.	1,000 bu.	Dollars	Dollars	Dollars
New Hampshire.....	15	5	22	2.66	3.80	3.25
Massachusetts.....	56	70	85	2.60	3.50	3.05
Rhode Island.....	17	15	13	2.56	3.45	2.90
Connecticut.....	130	154	160	2.50	3.45	2.90
New York.....	1,332	1,682	1,440	1.92	2.10	2.00
New Jersey.....	1,276	1,776	1,617	1.78	2.30	1.75
Pennsylvania.....	1,809	2,226	1,920	1.90	2.65	2.40
North Atlantic.....	4,634	5,928	5,257	1.86	2.43	2.12
Ohio.....	836	553	1,020	2.08	2.70	2.30
Indiana.....	334	519	725	1.92	2.75	2.10
Illinois.....	1,367	1,520	<sup>3</sup> 2,413	1.90	2.60	1.80
Michigan.....	2,998	5,100	4,300	1.68	2.00	1.80
Missouri.....	575	1,098	1,288	1.98	2.75	2.30
Kansas.....	62	154	12	1.99	2.40	2.80
North Central.....	6,173	8,953	9,758	1.81	2.29	1.94
Delaware.....	406	408	171	1.62	2.80	2.40
Maryland.....	505	646	425	1.77	3.30	2.45
Virginia.....	1,282	2,640	<sup>3</sup> 1,680	1.82	2.25	1.90
West Virginia.....	466	583	388	1.78	2.35	2.15
North Carolina.....	1,971	3,160	2,905	1.85	2.30	1.45
South Carolina.....	2,695	5,994	<sup>3</sup> 6,630	1.90	2.50	1.65
Georgia.....	5,033	5,628	<sup>3</sup> 5,810	2.22	2.90	1.60
Florida.....	87	96	64	1.47	2.25	2.10
South Atlantic.....	12,445	19,155	18,073	1.95	2.58	1.66
Kentucky.....	653	672	783	1.66	2.50	2.00
Tennessee.....	1,036	540	1,209	1.49	2.50	2.10
Alabama.....	1,435	1,250	1,525	1.48	2.65	2.40
Mississippi.....	875	868	854	1.52	3.10	2.85
Arkansas.....	2,040	2,479	2,220	1.56	2.35	2.10
Louisiana.....	298	293	270	1.68	3.05	2.85
Oklahoma.....	406	598	464	1.80	2.80	2.50
Texas.....	1,628	1,856	1,696	1.58	2.25	2.55
South Central.....	8,369	8,556	9,021	1.53	2.50	2.34
Idaho.....	254	285	357	1.42	2.40	2.00
Colorado.....	1,752	1,985	2,106	1.68	2.20	2.60
New Mexico.....	150	360	94	1.73	2.25	2.50
Utah.....	636	700	933	1.40	2.10	1.80
Washington.....	1,997	2,700	2,817	1.36	1.94	1.70
Oregon.....	505	729	851	1.64	2.85	2.25
California, all.....	25,877	<sup>3</sup> 37,086	<sup>3</sup> 33,336	1.05	1.71	1.25
Clingstone <sup>4</sup> .....	15,872	<sup>3</sup> 23,085	<sup>3</sup> 21,377	1.00	1.54	1.21
Freestone.....	10,005	14,001	11,959	1.14	1.98	1.31
Western.....	31,170	43,845	40,494	1.13	1.78	1.39
Other States <sup>5</sup> .....	146	206	.....	.....	.....	.....
United States <sup>6</sup> .....	62,936	86,643	82,603	1.41	2.13	1.67

<sup>1</sup> For some States in certain years, production includes some quantities unharvested on account of economic conditions. In 1946 and 1947, estimates of such quantities were as follows (1,000 bu.): 1946—New York, 84; California clingstone, 42; 1947—New York, 72; Illinois, 50; Michigan, 50; Virginia, 50; South Carolina, 362; Georgia, 100; Idaho, 14; California freestone, 250. Prices apply only to the harvested portion of the crop.

<sup>2</sup> Preliminary.

<sup>3</sup> Includes the following quantities harvested but not utilized because of abnormal cullage (1,000 bushels): 1946—California clingstone, 250; 1947—Illinois, 30; Virginia, 67; South Carolina, 180; Georgia, 181; California clingstone, 84.

<sup>4</sup> Mainly for canning.

<sup>5</sup> "Other States" totals include Iowa, Nebraska, Arizona, and Nevada. Estimates of peach production for those States were discontinued, beginning with the 1947 crop.

Bureau of Agricultural Economics.



## PEACHES

207

TABLE 253.—*Peaches: Utilization of production, United States, 1938-47 crops*

Year	Total production	Production having value <sup>1</sup>	Farm disposition		Utilization of quantities sold				
			For farm house-hold use	Sold	Fresh <sup>2</sup>	Processed			
						Canned	Dried	Frozen	Other <sup>3</sup>
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1938.....	53,922	52,655	5,417	47,208	30,089	10,988	6,034	.....	97
1939.....	64,222	63,197	6,457	56,740	35,534	14,386	6,668	.....	152
1940.....	57,832	57,025	5,202	51,823	31,047	13,839	6,830	.....	107
1941.....	75,363	73,103	7,659	65,444	43,571	17,290	4,080	.....	503
1942.....	66,720	65,705	5,993	59,712	34,197	18,904	6,409	.....	202
1943.....	42,761	42,469	2,781	39,688	20,077	14,515	4,484	400	212
1944.....	78,191	75,745	6,576	69,169	42,134	18,298	7,298	1,243	196
1945.....	81,548	80,332	6,904	73,428	45,273	19,370	6,267	2,346	202
1946.....	86,643	86,267	6,955	79,312	45,235	25,549	6,805	1,527	196
1947 <sup>4</sup> .....	82,603	81,113	6,972	74,141	43,249	25,140	4,953	731	68

<sup>1</sup> Differences between "total production" and "production having value" consist of fruit not harvested on account of economic conditions and/or harvested but not utilized because of abnormal cullage. <sup>2</sup> Includes some quantities canned and/or frozen for some States in some years.

<sup>3</sup> Includes fruit used for jam and jelly, crushed for spirits, etc. For the years 1938-42, quantities frozen also are included. <sup>4</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1934-37 in Agricultural Statistics, 1946, table 243.

TABLE 254.—*Peaches: Utilization of production, by States, 1946 and 1947 crops*

CROP CF 1946

State	Total production	Production having value <sup>1</sup>	Farm disposition		Utilization of quantities sold				
			For farm house-hold use	Sold	Fresh <sup>2</sup>	Processed			
						Canned	Dried	Frozen	Other <sup>3</sup>
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
New York.....	1,682	1,598	85	1,513	<sup>2</sup> 1,513	.....	.....	.....	.....
Pennsylvania.....	2,226	2,226	196	2,030	1,900	130	.....	.....	.....
Michigan.....	5,100	5,100	160	4,940	4,390	500	.....	50	.....
Virginia.....	2,640	2,640	600	2,040	1,770	190	.....	63	17
South Carolina.....	5,994	5,994	315	5,679	5,329	300	.....	50	.....
Georgia.....	5,628	5,628	562	5,066	4,426	340	.....	133	167
Washington.....	2,700	2,700	110	2,590	1,538	740	.....	302	10
Oregon.....	729	729	95	634	540	39	.....	53	2
California, all.....	37,086	36,794	137	36,657	5,938	23,148	6,805	766	.....
Clingstone.....	23,085	22,793	54	22,739	333	22,081	171	154	.....
Freestone.....	14,001	14,001	83	13,918	5,605	1,067	6,634	612	.....
Other States <sup>4</sup> .....	22,858	22,858	4,695	18,163	17,891	162	.....	110	.....
United States.....	86,643	86,267	6,955	79,312	45,235	25,549	6,805	1,527	196

CROP OF 1947 <sup>5</sup>

	1,440	1,368	85	1,283	1,283	.....	.....	.....	.....
New York.....	1,920	1,920	216	1,704	1,604	.....	.....	30	.....
Pennsylvania.....	4,300	4,250	160	4,090	3,595	450	.....	45	.....
Michigan.....	1,080	1,563	400	1,163	1,076	56	.....	31	.....
Virginia.....	6,630	6,088	315	5,773	5,373	400	.....	.....	.....
South Carolina.....	5,810	5,529	640	4,889	4,111	550	.....	201	27
Georgia.....	2,817	2,817	110	2,707	1,501	1,031	.....	136	39
Washington.....	851	851	95	756	550	133	.....	71	2
Oregon.....	33,336	33,002	138	32,894	5,422	22,351	4,953	138	.....
California, all.....	21,377	21,293	54	21,259	513	20,679	77	17	.....
Clingstone.....	11,959	11,709	84	11,625	4,909	1,679	4,916	121	.....
Freestone.....	23,819	23,725	4,813	18,912	18,734	99	.....	79	.....
Other States <sup>4</sup> .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
United States.....	82,603	81,113	6,972	74,141	43,249	25,140	4,953	731	68

<sup>1</sup> Differences between "total production" and "production having value" consist of fruit not harvested on account of economic conditions, and/or harvested but not utilized because of abnormal cullage. <sup>2</sup> Includes some quantities canned and/or frozen for some States in some years.

<sup>3</sup> Includes fruit used for jam and jelly, crushed for spirits, etc.

<sup>4</sup> For years prior to 1947: New Hampshire, Massachusetts, Rhode Island, Connecticut, New Jersey, Ohio, Indiana, Illinois, Iowa, Missouri, Nebraska, Kansas, Delaware, Maryland, West Virginia, North Carolina, Florida, Kentucky, Tennessee, Alabama, Mississippi, Arkansas, Louisiana, Oklahoma, Texas, Idaho, Colorado, New Mexico, Arizona, Utah, and Nevada. Reports from States in italics were discontinued, beginning with the 1947 crop.

<sup>5</sup> Preliminary. Bureau of Agricultural Economics.

TABLE 255.—Pears: Production, value, and foreign trade, United States, 1929-47

Year	Total production	Production having value <sup>1</sup>	Season average price per bushel received by farmers	Farm value	Foreign trade, year beginning July <sup>2</sup>					
					Domestic exports					Imports
					Fresh	Canned	Dried <sup>3</sup>	Dried in fruit salad <sup>4</sup>	Total in terms of fresh fruit <sup>5</sup>	
	1,000 bushels	1,000 bushels	Dollars	1,000 dollars	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 bushels	1,000 pounds
1929	19,580	19,580	1.71	37,070	62,024	54,709	3,685	* 222	2,947	---
1929	21,726	25,875	.84	21,859	134,670	74,355	8,037	2,420	5,583	7 6
1930	27,167	25,875	.77	18,917	90,702	71,570	6,079	2,593	4,442	14
1931	25,280	24,655	.49	10,263	119,987	60,762	6,257	2,351	4,768	6
1932	24,513	21,038	.68	14,856	111,008	78,384	8,408	1,993	5,198	5
1933	24,010	21,733								
1934	26,579									
1934	28,095	27,375	.80	21,864	100,635	71,379	5,687	1,899	4,517	192
1935	25,943	25,674	.74	19,099	124,144	82,316	7,560	2,412	5,505	719
1936	27,326	26,989	.79	21,361	131,318	66,882	7,352	1,498	5,164	3,291
1937	29,212	28,151	.76	21,312	134,747	59,125	5,578	2,163	4,929	2,054
1938	31,704	28,703	.57	16,387	170,971	77,287	8,716	3,477	6,569	4,229
1939	24,981									
1939	29,279	27,983	.74	20,806	93,061	61,917	4,931	2,602	4,138	11,021
1940	29,590	28,334	.74	21,017	23,565	2,447	787	597	681	15,427
1941	29,129	28,905	1.03	29,909	23,431	16,759	6,407	505	1,621	6,572
1942	30,244	29,836	1.55	46,241	10,087	5,701	1,700	352	561	4,592
1943	24,239	24,030	2.36	56,722	6,043	22,795	3,710	(*)	1,076	14,186
1944	27,788									
1944	31,337	30,881	2.18	67,332	11,782	12,288	5,954	3	1,186	11,727
1945	33,042	32,269	2.17	69,883	48,904	11,575	1,226	643	1,461	14,951
1946	34,447	34,447	2.44	84,047	107,676	16,805	1,211	3,418	3,067	8,945
1947 <sup>6</sup>	35,312	34,992	1.96	68,451						

<sup>1</sup> Differences between "total production" and "production having value" consist of fruit not harvested on account of economic conditions and/or harvested but not utilized because of abnormal cullage.

<sup>2</sup> Compiled from Monthly Summary of Foreign Commerce of the United States, January and June issues, 1929-43 and official records of the U. S. Department of Commerce.

<sup>3</sup> Net processed weight.

<sup>4</sup> Dried pears are 16 2/3 percent of total dried fruit for salad.

<sup>5</sup> Canned pears converted to terms of fresh on the basis that 1 pound canned equals about 1.2 pounds fresh; dried pears converted to terms of fresh on the basis that 1 pound dried equals about 5.5 pounds fresh; 50 pounds fresh equals 1 bushel, except in California, where 48 pounds equals 1 bushel.

<sup>6</sup> January-June 1930; not separately reported prior to this date.

<sup>7</sup> Prior to June 18, 1930, included with peaches, green, ripe or in brine.

<sup>8</sup> Less than 500 pounds.

<sup>9</sup> Preliminary.

Bureau of Agricultural Economics. Italic figures are census returns of harvested production.

TABLE 256.—Pears: Production and season average price per bushel received by farmers, by States, average 1936-45, annual 1946 and 1947

State and division	Production <sup>1</sup>			Price for crop of—		
	Average 1936-45	1946	1947 <sup>2</sup>	Average 1936-45	1946	1947 <sup>2</sup>
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Massachusetts.....	52	44	73	1.78	3.65	2.60
Connecticut.....	58	42	48	2.12	3.60	3.30
New York.....	975	693	960	1.54	2.70	2.00
Pennsylvania.....	430	345	262	1.24	2.25	2.15
North Atlantic.....	1,515	1,124	1,343	1.48	2.63	2.11
Ohio.....	386	135	229	1.17	2.40	2.10
Indiana.....	198	142	154	.78	1.40	1.25
Illinois.....	427	270	402	.83	1.40	1.25
Michigan.....	976	696	650	1.30	2.35	2.15
Missouri.....	260	148	216	1.00	1.75	1.50
Kansas.....	100	90	99	1.09	1.45	1.30
North Central.....	2,346	1,481	1,750	1.06	1.98	1.74
Virginia.....	328	353	280	.99	1.65	1.60
West Virginia.....	90	104	46	1.21	2.10	2.00
North Carolina.....	298	299	298	1.16	1.85	1.80
South Carolina.....	132	126	127	1.00	1.65	1.50
Georgia.....	380	396	385	.80	1.25	1.20
Florida.....	153	207	194	.72	1.10	1.00
South Atlantic.....	1,381	1,485	1,330	.914	1.54	1.45
Kentucky.....	188	115	134	1.00	1.75	1.65
Tennessee.....	230	120	183	1.06	1.75	1.55
Alabama.....	306	343	288	.90	1.65	1.80
Mississippi.....	354	347	350	.86	1.55	1.50
Arkansas.....	166	195	204	1.10	1.90	1.75
Louisiana.....	183	235	207	.86	1.50	1.45
Oklahoma.....	141	157	209	1.10	1.80	1.30
Texas.....	389	407	402	1.08	1.70	1.55
South Central.....	1,956	1,919	1,977	.970	1.67	1.52
Idaho.....	60	64	70	1.48	2.45	2.40
Colorado.....	192	87	232	1.46	2.50	2.00
Utah.....	151	115	205	1.70	2.80	2.50
Washington, all.....	6,780	8,890	8,305	1.37	2.53	2.08
Bartlett.....	4,905	6,750	6,156	1.20	2.05	1.90
Other.....	1,876	2,140	2,149	1.85	3.22	2.60
Oregon, all.....	4,074	6,120	5,724	1.98	3.42	2.52
Bartlett.....	1,700	2,335	1,975	1.64	2.91	2.80
Other.....	2,374	3,785	3,749	2.24	3.74	2.38
California, all.....	10,751	12,918	14,376	<sup>3</sup> 1.13	<sup>3</sup> 2.30	<sup>3</sup> 1.77
Bartlett.....	9,421	11,168	12,334	<sup>3</sup> 1.14	<sup>3</sup> 2.31	<sup>3</sup> 1.80
Other.....	1,329	1,750	2,042	<sup>3</sup> 1.10	<sup>3</sup> 2.26	<sup>3</sup> 1.58
Western.....	22,008	28,194	28,912	1.36	2.56	2.02
Other States <sup>4</sup> .....	304	244	—	—	—	—
United States.....	29,510	34,447	35,312	1.29	2.44	1.96

<sup>1</sup> For some States in certain years, production includes some quantities unharvested on account of economic conditions. In 1947, estimates of such quantities were as follows (1,000 bushels): New York, 19; Illinois, 30; Washington Bartlett, 185; Other, 86. Prices apply only to the harvested portion of the crop.

<sup>2</sup> Preliminary.

<sup>3</sup> Equivalent returns per bushel for bulk fruit at the first delivery point.

<sup>4</sup> "Other States" totals include Maine, New Hampshire, Vermont, Rhode Island, New Jersey, Iowa, Nebraska, Delaware, Maryland, New Mexico, Arizona, and Nevada. Estimates of pear production for those States were discontinued beginning with the 1947 crop.

Bureau of Agricultural Economics.

TABLE 257.—Pears: Production in specified countries, averages 1930-34 and 1935-39, annual 1942-47<sup>1</sup>

Continent and country	Average		194 <sup>2</sup>	1943	1944	1945	1946	1947 <sup>3</sup>
	1930-34	1935-39						
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
North America:								
Canada	458	569	753	637	894	600	951	966
Mexico	351	331	506	489	580	601	523	529
United States	25,813	28,693	30,244	24,239	31,956	33,042	34,447	35,312
Total	26,622	29,593	31,503	25,365	33,430	34,243	35,921	36,807
Europe:								
Austria	4,559	6,366	6,182	4,956	8,514	3,500	9,714	7,000
Belgium	<sup>4</sup> 1,828	2,026	4,241	2,540	2,822	4,409	1,323	6,614
Bulgaria	12	580	1,365	2,178	2,222	1,684	2,600	2,000
Czechoslovakia	5,117	4,076	2,645	1,567	2,727	1,150	3,635	3,620
Denmark	<sup>5</sup> 363	480	882	882	1,102	617	926	900
France:								
Dessert and cooking	1,320	1,760	2,273	3,506	4,762	3,454	5,928	6,306
Cider	15,367	21,776	11,632	6,013	39,479	3,486	11,105	10,321
Germany	21,142	15,944	16,010	23,263	22,701	15,432	9,726	17,412
Greece	653	878	963	944	1,161	1,045	1,129	1,174
Hungary	350	742	600	350	500	238	353	794
Italy	9,494	8,947	9,170	8,953	11,010	9,959	10,730	11,148
Luxemburg	151	100	157	158	585	126	270	277
Netherlands	<sup>4</sup> 1,417	1,570	3,307	1,984	2,205	3,439	1,102	6,305
Norway	<sup>4</sup> 116	174	144	151	131	148	268	121
Poland	2,028	3,600	3,640	5,278	5,172	3,517	2,216	3,967
Rumania	1,000	1,103	1,151	1,125	1,376	1,323	1,330	547
Spain	3,195	3,057	2,772	2,737	2,950	2,500	2,000	2,000
Sweden	636	1,063	485	705	1,102	750	1,323	1,102
Switzerland	7,152	7,037	13,669	14,109	16,314	8,818	14,109	16,755
United Kingdom:								
Dessert and cooking	717	782	1,989	1,514	1,053	1,474	1,080	1,729
Cider	130	237	394	390	515	251	430	358
Yugoslavia	2,869	2,685	2,920	2,835	3,500	3,412	3,175	3,000
Total	79,616	85,023	86,591	86,138	131,903	70,732	84,502	103,450
Total, excluding cider	64,119	63,010	74,565	79,735	91,909	66,995	72,967	92,771
Asia:								
Lebanon		( <sup>4</sup> )	38	42	252	309	331	353
Palestine	10	<sup>5</sup> 16	11	11	7	14	16	10
Syria		<sup>5</sup> 24	20	45	27	57	66	43
Turkey	<sup>4</sup> 3,086	3,315	2,840	3,144	2,584	3,197	4,087	2,407
Japan	6,918	7,366	6,724	6,638	4,766	2,835	3,942	3,700
Korea	585	775	1,195	1,179	847	504	700	657
Total	10,599	11,496	10,822	11,059	8,483	6,916	9,142	7,170
South America:								
Argentina	544	2,443	6,869	6,000	5,186	6,063	4,725	3,482
Chile	88	88	34	57	100	100	125	125
Total	632	2,531	6,903	6,057	5,286	6,163	4,850	3,607
Africa: Union of South Africa	450	680	672	553	780	400	735	720
Oceania:								
Australia	1,838	2,467	2,837	2,684	2,922	2,644	3,570	3,300
New Zealand	194	328	325	360	365	368	369	389
Total	2,032	2,795	3,162	3,044	3,287	3,012	3,939	3,689
World total	119,951	132,118	139,653	132,216	183,149	121,466	139,089	155,443
World total, excluding cider	104,454	110,105	127,627	125,813	143,155	117,729	127,554	144,764

<sup>1</sup> Harvests in Northern Hemisphere countries are for the year shown and are combined with the harvests in Southern Hemisphere countries of the following year. Estimates are in original units of approximately 1 bushel in the following countries: Australia, Canada, Chile, United States, New Zealand, and Union of South Africa. In other countries original estimates, mostly in metric tons, converted to bushels of 50 pounds.

<sup>2</sup> Preliminary.

<sup>3</sup> Less than 5 years.

<sup>4</sup> Included in Syria.

<sup>5</sup> Includes Lebanon.

Office of Foreign Agricultural Relations. Prepared or estimated on the basis of official statistics of foreign governments, reports of United States foreign service officers, results of office research and other information. Estimates of countries having boundary changes have been adjusted to postwar boundaries.

TABLE 258.—Pears: Utilization of production, United States, 1938-47 crops

Year	Total production	Production having value <sup>1</sup>	Farm disposition		Utilization of quantities sold			
			For farm household use	Sold	Fresh <sup>2</sup>	Processed		
						Canned	Dried	Other <sup>3</sup>
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1938.....	31,704	28,703	2,713	25,990	18,091	6,332	1,565	2
1939.....	29,279	27,983	2,833	25,150	15,265	7,948	2,035	2
1940.....	29,590	28,334	3,127	25,207	15,934	8,559	712	2
1941.....	29,129	28,905	3,014	25,891	14,517	10,505	840	29
1942.....	30,244	29,836	3,214	26,622	15,144	10,797	627	54
1943.....	24,239	24,030	1,657	22,373	12,537	8,558	947	331
1944.....	31,337	30,881	2,820	28,061	17,104	9,826	920	211
1945.....	33,042	32,269	2,504	29,765	18,652	9,539	1,239	335
1946.....	34,447	34,447	2,820	31,627	18,849	11,391	1,041	346
1947 <sup>4</sup> .....	35,312	34,992	2,718	32,274	17,921	13,493	602	258

<sup>1</sup> Differences between "total production" and "production having value" consist of fruit not harvested on account of economic conditions and/or harvested but not utilized because of abnormal cullage.

<sup>2</sup> Includes small quantities canned in minor States.

<sup>3</sup> Mostly fruit crushed for spirits.

<sup>4</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1934-37 in Agricultural Statistics, 1946, table 248.

TABLE 259.—Pears: Utilization of production, by States, 1946 and 1947 crops

## CROP OF 1946

State	Total production	Production having value <sup>1</sup>	Farm disposition		Utilization of quantities sold			
			For farm household use	Sold	Fresh <sup>2</sup>	Processed		
						Canned	Dried	Other <sup>3</sup>
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
New York.....	693	693	80	613	613	-----	-----	-----
Pennsylvania.....	345	345	150	195	195	-----	-----	-----
Michigan.....	696	696	120	576	351	225	-----	-----
Washington.....	8,890	8,890	298	8,592	4,763	3,526	195	108
Oregon.....	6,120	6,120	185	5,935	4,941	844	-----	150
California.....	12,918	12,918	54	12,864	5,247	6,746	846	25
Other States <sup>4</sup> .....	4,785	4,785	1,933	2,852	2,739	50	-----	63
United States.....	34,447	34,447	2,820	31,627	18,849	11,391	1,041	346

CROP OF 1947<sup>5</sup>

	960	941	100	841	789	72	-----	-----
New York.....	262	262	108	154	154	-----	-----	-----
Pennsylvania.....	650	650	90	560	355	205	-----	-----
Michigan.....	8,305	8,034	298	7,736	3,697	3,803	98	138
Washington.....	5,724	5,724	180	5,544	4,505	934	-----	105
Oregon.....	14,376	14,376	54	14,322	5,359	8,459	504	-----
California.....	4,375	5,005	1,888	3,117	3,082	20	-----	15
Other States <sup>4</sup> .....	35,312	34,992	2,718	32,274	17,921	13,493	602	258
United States.....	35,312	34,992	2,718	32,274	17,921	13,493	602	258

<sup>1</sup> Differences between "total production" and "production having value" consist of fruit not harvested on account of economic conditions.

<sup>2</sup> For some States includes small quantities canned.

<sup>3</sup> Mostly fruit crushed for spirits.

<sup>4</sup> For years prior to 1947: Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, Connecticut, New Jersey, Ohio, Indiana, Illinois, Iowa, Missouri, Nebraska, Kansas, Delaware, Maryland, Virginia, West Virginia, North Carolina, South Carolina, Georgia, Florida, Kentucky, Tennessee, Alabama, Mississippi, Arkansas, Louisiana, Oklahoma, Texas, Idaho, Colorado, New Mexico, Arizona, Utah, and Nevada. Reports from States in italics were discontinued, beginning with the 1947 crop.

<sup>5</sup> Preliminary.

Bureau of Agricultural Economics.

TABLE 260.—Pears: Utilization of production, by varieties, Washington, Oregon, and California, 1946 and 1947 crops

## CROP OF 1946

Variety and State	Total production <sup>2</sup>	Production having value <sup>1</sup>	Farm disposition		Utilization of quantities sold			
			For farm household use	Sold	Fresh	Processed		
						Canned	Dried	Other <sup>3</sup>
	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons
<b>Bartlett:</b>								
Washington.....	168,750	168,750	5,950	162,800	70,250	88,150	2,000	2,400
Oregon.....	58,380	58,380	3,630	54,750	32,550	21,000	-----	900
California.....	268,000	268,000	1,100	266,900	104,000	143,800	18,500	600
3 States.....	495,130	495,130	10,680	484,450	207,100	252,950	20,500	3,900
<b>Other than Bartlett:</b>								
Washington.....	53,500	53,500	1,500	52,000	48,825	-----	2,875	300
Oregon.....	94,620	94,620	1,000	93,620	90,670	100	-----	2,850
California.....	42,000	42,000	200	41,800	21,900	18,100	1,800	-----
3 States.....	190,120	190,120	2,700	187,420	161,395	18,200	4,675	3,150
<b>All varieties<sup>4</sup>:</b>								
Washington.....	222,250	222,250	7,450	214,800	119,075	88,150	4,875	2,700
Oregon.....	153,000	153,000	4,630	148,370	123,520	21,100	-----	3,750
California.....	310,000	310,000	1,300	308,700	125,900	161,900	20,300	600
3 States.....	685,250	685,250	13,380	671,870	368,495	271,150	25,175	7,050
<b>Hardy<sup>5</sup>: California.....</b>	17,000	17,000	100	16,900	2,200	14,400	300	-----

CROP OF 1947<sup>5</sup>

<b>Bartlett:</b>								
Washington.....	153,900	149,270	5,950	143,320	44,750	95,075	575	2,920
Oregon.....	49,380	49,380	3,500	45,880	22,080	23,300	-----	500
California.....	296,000	296,000	1,100	294,900	101,400	181,400	12,100	-----
3 States.....	499,280	494,650	10,550	484,100	168,230	299,775	12,675	3,420
<b>Other than Bartlett:</b>								
Washington.....	53,720	51,580	1,500	50,080	47,675	-----	1,875	530
Oregon.....	93,720	93,720	1,000	92,720	90,550	50	-----	2,120
California.....	49,000	49,000	200	48,800	27,200	21,600	-----	-----
3 States.....	196,440	194,300	2,700	191,600	165,425	21,650	1,875	2,650
<b>All varieties<sup>4</sup>:</b>								
Washington.....	207,620	200,850	7,450	193,400	92,425	95,075	2,450	3,450
Oregon.....	143,100	143,100	4,500	138,600	112,630	23,350	-----	2,620
California.....	345,000	345,000	1,300	343,700	128,600	203,000	12,100	-----
3 States.....	695,720	688,950	13,250	675,700	333,655	321,425	14,550	6,070
<b>Hardy<sup>5</sup>: California.....</b>	22,100	22,100	100	22,000	6,100	15,900	-----	-----

<sup>1</sup> Differences between "total production" and "production having value" consist of fruit not harvested on account of economic conditions.

<sup>2</sup> Mostly fruit crushed for spirits.

<sup>3</sup> These same totals, expressed in bushels, appear in table 259.

<sup>4</sup> Included in the "Other than Bartlett" and the "All varieties" totals.

<sup>5</sup> Preliminary.

Bureau of Agricultural Economics.

TABLE 261.—Pears, western: Average auction price per box, all grades, New York, 1938-47

Season beginning July	Bartlett	Hardy	Flemish Beauty	Comice	Bosc	D'Anjou	Winter Nelis	Average <sup>1</sup>
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
1938.....	1.96	1.72	1.51	1.94	1.93	2.15	1.93	1.99
1939.....	2.51	1.61	1.47	2.03	1.94	2.08	2.24	2.21
1940.....	2.34	1.78	1.51	2.25	2.05	2.30	2.16	2.24
1941.....	2.83	2.88	2.02	2.54	2.31	2.63	2.19	2.61
1942.....	3.60	3.80	2.36	3.33	3.06	4.13	3.27	3.57
1943.....	5.17	5.03	4.47	5.94	5.48	6.72	4.55	5.45
1944.....	4.56	4.37	3.94	4.88	3.86	4.71	3.94	4.36
1945.....	4.10	3.87	4.62	5.08	4.78	5.29	4.90	4.49
1946.....	4.53	3.97	3.42	4.49	4.06	5.05	4.30	4.60
1947.....	4.52	4.32	3.51	2.96	3.18	3.14	3.26	3.56

<sup>1</sup> Includes all varieties of western pears sold on New York auction market.

Bureau of Agricultural Economics. Compiled from New York Daily Fruit Reporter, deciduous section. Prices are weighted by number of boxes sold each day. Data for earlier years are available in 1940 Agricultural Statistics, table 325.

TABLE 262.—Pears: Average wholesale price per bushel, New York and Chicago, 1938-47

Market and variety	Season beginning July—									
	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
New York:										
New York Bartlett.....	1.14	1.40	1.35	1.62	2.24	5.21	3.46	3.96	2.99	2.96
New York Clapp Favorite.....	1.11	1.47	1.39	1.78	2.17	4.92	3.28	3.86	3.12	2.57
New York Kieffer.....	.76	1.03	.95	1.32	1.80	3.82	2.10	2.63	1.88	1.77
New York Seckel.....	1.36	1.28	1.64	1.85	2.05	4.74	3.36	4.84	4.00	3.55
Chicago:										
Michigan Bartlett.....	1.28	1.58	1.59	1.71	2.46	4.65	3.48	2.81	3.08	3.53
Michigan Clapp Favorite.....	1.00	1.20	1.32	1.24	1.93	3.99	2.86	.....	2.78	2.91
Michigan Kieffer.....	.65	.67	.60	.93	1.32	2.66	1.67	.....	1.85	.....
Michigan Seckel.....	1.36	.99	1.16	.96	1.54	3.57	2.27	.....	2.33	.....

Bureau of Agricultural Economics. Compiled from daily market news reports of the Production and Marketing Administration. Prices are based on stock of good merchantable quality and condition, U. S. No. 1 when quoted, in less than carlot quantities. Average for season is simple average of monthly averages.



TABLE 263.—Pineapples: Production, season average price per box received by farmers, and value, Florida; foreign trade, and receipts from Territories, United States, 1929-47

Cal- endar year	Florida			Receipts from Hawaii			Receipts from Puerto Rico		Imports			Exports <sup>1</sup>		
	Pro- duc- tion	Price	Farm value	Fresh	Can- ned	Juice	Fresh	Pre- pared or pre- served	Fresh, in crates	Fresh, in bulk	Pre- pared or pre- served	Fresh	Canned	Juice
	1,000 boxes <sup>2</sup>	Dol- lars	1,000 dol- lars	1,000 boxes	1,000 pounds	1,000 pounds	1,000 boxes	1,000 pounds	1,000 crates <sup>3</sup>	Num- ber, thou- sands	1,000 pounds	1,000 boxes	1,000 pounds	1,000 gal- lons
1929.....	12	1.70	20	10	439,867	-----	548	2,379	1,452	20	4,101	51	45,153	-----
1930.....	12	1.75	21	8	423,170	-----	501	4,826	1,719	30	7,386	30	37,790	-----
1931.....	8	1.25	10	34	484,276	-----	711	2,580	1,157	1,127	7,531	53	24,473	-----
1932.....	5	1.50	8	71	388,069	-----	576	606	912	112	8,424	28	17,389	-----
1933.....	8	1.50	12	44	434,884	18	410	185	634	395	6,549	15	20,424	-----
1934.....	9	2.25	20	30	540,936	2,035	419	1,326	655	912	8,279	27	20,386	-----
1935.....	9	1.60	14	53	436,801	103,529	412	2,180	568	1,262	12,944	22	21,982	-----
1936.....	25	2.50	62	73	571,947	233,029	516	2,379	837	2,338	19,871	27	23,962	-----
1937.....	15	2.50	38	26	595,792	283,850	504	4,382	1,134	3,322	45,298	31	29,428	-----
1938.....	12	2.25	27	64	373,536	220,622	518	3,348	1,016	4,394	31,524	26	18,436	-----
1939.....	10	1.85	18	123	536,327	311,677	441	3,371	1,086	3,938	74,991	29	23,350	4,765
1940.....	8	2.00	16	97	434,426	351,847	425	3,066	915	4,365	84,996	25	6,669	879
1941.....	12	2.35	28	62	648,526	387,964	462	2,704	822	3,505	55,889	21	1,956	325
1942.....	5	3.25	16	9	328,489	217,991	183	3,980	363	3,944	25,962	8	800	341
1943.....	3	6.00	18	28	248,848	211,980	0	7,980	602	7,543	34,778	5	2,922	42
1944.....	15	7.50	112	7	190,892	103,506	(*)	9,236	881	6,378	18,851	4	21,831	66
1945.....	10	8.50	85	2	143,762	163,997	42	14,439	1,108	11,350	24,292	4	15,974	96
1946.....	20	9.50	190	41	378,515	304,804	345	14,372	1,316	15,507	39,329	13	19,137	676
1947 <sup>4</sup> .....	4	4.75	19	477	381,221	332,626	207	23,693	923	9,489	54,588	91	21,003	864

<sup>1</sup> Mainly exports directly from Hawaii and Puerto Rico to countries other than the United States mainland.

<sup>2</sup> Boxes measuring approximately 12 by 10½ by 33 inches, inside dimensions, and holding about 70 pounds or 24 to 30 pineapples of medium size.

<sup>3</sup> In 1929 and 1930, crates of 1.96 cubic feet; beginning 1931, crates of 2.45 cubic feet, holding about 70 pounds or 24 to 30 pineapples of medium size.

<sup>4</sup> Not reported separately prior to 1939.

<sup>5</sup> Beginning 1941, converted from gallons at 8.8 pounds per gallon.

<sup>6</sup> Less than 500.

<sup>7</sup> Preliminary.

Bureau of Agricultural Economics. Data on foreign trade and receipts from noncontiguous Territories compiled from reports of Department of Commerce. Data for 1924-28 in Agricultural Statistics, 1942, table 325.

TABLE 264.—*Plums*<sup>1</sup>: Production, season average price per ton received by farmers, value, and utilization of production, Michigan and California, 1929-47

Year	Total production	Production having value	Price	Farm value	Farm disposition		Utilization of quantities sold			
					For farm house- hold use	Sold	Fresh	Processed		
								Canned	Frozen	Crushed
	Tons	Tons	Dollars	1,000 dollars	Tons	Tons	Tons	Tons	Tons	Tons
1929	44,400	44,400	107.00	4,736	1,120	43,280				
1930	89,500	89,500	48.30	4,321	1,730	87,770				
1931	72,100	65,100	40.00	2,602	1,780	63,320				
1932	74,300	64,300	29.90	1,924	1,580	62,720				
1933	61,500	54,500	36.80	2,003	1,150	53,350				
1934	67,500	67,500	43.70	2,951	1,100	66,400	64,250	2,150		
1935	53,700	53,700	51.70	2,777	1,280	52,420	49,945	2,475		
1936	67,900	67,900	41.00	2,781	800	67,100	65,610	1,490		
1937	71,100	71,100	56.60	4,026	1,000	70,100	66,840	3,260		
1938	65,500	65,500	37.60	2,462	600	64,900	63,790	1,110		
1939	76,600	69,600	44.90	3,123	820	68,780	67,060	1,720		
1940	74,000	69,000	51.90	3,584	770	68,230	67,030	1,200		
1941	76,900	71,900	61.00	4,386	750	71,150	69,030	2,120		
1942	76,200	70,200	91.80	6,441	720	69,480	68,200	1,280		
1943	78,500	78,500	169.00	13,254	600	77,900	70,550	1,050	1,100	5,200
1944	96,500	94,500	118.00	11,115	840	93,660	85,560	3,300	800	4,000
1945	72,600	71,600	138.00	9,884	600	71,000	64,750	2,150	1,000	3,100
1946	106,000	106,000	135.00	14,270	840	105,160	96,110	2,830	2,020	4,200
1947 <sup>2</sup>	78,000	78,000	154.00	12,038	780	77,220	74,060	2,350	95	715

<sup>1</sup> Includes some quantities of fresh prunes.<sup>2</sup> Differences between "total production" and "production having value" consist of fruit not harvested on account of economic conditions.<sup>3</sup> Includes the following quantities used for jam in California (tons): 1944—1,500; 1945—1,000; 1946—500; 1947—500.<sup>4</sup> Preliminary.

Bureau of Agricultural Economics.

TABLE 265.—*Plums and prunes (fresh basis)*: Production and season average price per ton received by farmers, by States, average 1936-45, annual 1945-47

Crop and State	Production <sup>1</sup>				Price for crop of—			
	Average 1936-45	1945	1946	1947 <sup>2</sup>	Average 1936-45	1945	1946	1947 <sup>2</sup>
	Tons	Tons	Tons	Tons	Dollars	Dollars	Dollars	Dollars
<b>Plums:</b>								
Michigan	4,080	1,600	6,000	4,000	72.40	140.00	95.00	105.00
California	71,500	71,000	100,000	74,000	81.60	138.00	137.00	157.00
2 States	75,580	72,600	106,000	78,000	81.00	138.00	135.00	154.00
<b>Prunes:</b>								
Idaho	18,460	28,200	22,400	37,000	59.10	85.20	113.00	67.20
Washington, all	24,140	26,000	29,100	23,100	54.90	87.30	91.00	89.90
• Eastern Washington	15,200	19,600	19,300	19,100				
Western Washington	8,940	6,400	9,300	4,000				
Oregon, all	87,980	92,100	101,100	34,400	41.60	77.10	77.00	78.40
• Eastern Oregon	14,210	20,100	18,100	18,900				
Western Oregon	73,770	72,000	83,000	15,500				
California <sup>4</sup>	501,500	565,000	535,000	502,500	45.20	84.00	102.00	59.20
4 States	632,080	711,300	687,600	597,000	45.10	83.40	98.60	61.90

<sup>1</sup> For some States in certain years, production includes some quantities unharvested on account of economic conditions. In 1945, 1946, and 1947, estimates of such quantities were as follows (tons): 1945—Plums, California, 1,000; Prunes, western Oregon, 9,700; 1946—Prunes, western Oregon, 4,200; 1947—Prunes, western Oregon, 8,500. These quantities are not included in utilization figures. Prices apply only to the harvested portion of the crop.<sup>2</sup> Preliminary.<sup>3</sup> Includes 2,000 tons harvested but not utilized because of abnormal cullage.<sup>4</sup> The California prune crop (fresh basis) is derived by multiplying the estimate of dried prunes by 2½.

Bureau of Agricultural Economics.

TABLE 266.—Prunes: Utilization of production and season average price per ton received by farmers, by States, average 1936-45, annual 1945-47

Use and State	Quantity				Price for crop of—			
	Average 1936-45	1945	1946	1947 <sup>1</sup>	Average 1936-45	1945	1946	1947 <sup>1</sup>
<b>DRY BASIS<sup>2</sup></b>								
Dried <sup>3</sup> :	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Washington.....	670	250	250	100	116.00	211.00	231.00	210.00
Oregon.....	10,750	7,700	8,200	300	119.00	213.00	260.00	125.00
California.....	192,000	225,800	213,800	200,800	113.00	210.00	256.00	148.00
3 States.....	203,420	233,750	222,250	201,200	113.00	210.00	256.00	148.00
<b>FRESH BASIS</b>								
Sold fresh <sup>4</sup> :								
Idaho.....	17,090	26,800	20,800	33,300	59.30	86.20	114.00	69.00
Washington.....	12,331	13,400	10,600	10,830	70.40	113.00	128.00	119.00
Oregon.....	17,620	23,600	18,100	13,000	66.30	114.00	104.00	104.00
3 States.....	47,041	63,800	49,500	57,130	64.60	102.00	113.00	86.50
Canned <sup>5</sup> :								
Idaho.....	80		800	2,900			82.50	46.40
Washington.....	5,617	7,700	14,890	9,570	29.90	56.00	67.60	59.10
Oregon.....	20,440	19,000	42,200	13,700	29.80	56.60	65.80	59.50
3 States.....	26,137	26,700	57,890	26,170	29.70	56.40	66.50	57.90
Frozen <sup>6</sup> :								
Washington.....	<sup>a</sup> 962	1,750	510	150	<sup>b</sup> 45.20	59.00	71.20	58.80
Oregon.....	<sup>a</sup> 5,740	8,300	5,700	1,100	<sup>b</sup> 44.70	57.70	65.80	58.20
2 States.....	<sup>a</sup> 6,702	10,050	6,210	1,250	<sup>b</sup> 44.80	57.90	66.20	58.20
Other processed <sup>7</sup> :								
Idaho.....	60	600			<sup>b</sup> 27.60	40.00		
Washington.....	259	500	290	200	23.40	23.00	25.20	59.00
Oregon.....	580	2,600	2,500	400	<sup>b</sup> 19.10	33.50	24.30	35.00
3 States.....	899	3,700	2,790	600	20.10	33.20	24.40	43.30
Farm household use:								
Idaho.....	880	800	800	800				
Washington.....	2,070	1,800	2,000	2,000				
Oregon.....	2,320	3,000	3,000	1,800				
California.....	<sup>c</sup> 200	<sup>c</sup> 200	<sup>c</sup> 200	<sup>c</sup> 200				
4 States.....	5,770	6,100	6,300	5,100				

<sup>1</sup> Preliminary.<sup>2</sup> The drying ratio in Washington and Oregon ranges from 3 to 4 pounds of fresh fruit to 1 pound dried; in California, the drying ratio is approximately 2½ pounds fresh to 1 pound dried.<sup>3</sup> Excludes quantities used on farms where grown.<sup>4</sup> Includes small quantities frozen in some years prior to 1941.<sup>5</sup> Short-time average.<sup>6</sup> Dry basis.

Bureau of Agricultural Economics.

TABLE 267.—Prunes: Production, season average price per ton received by farmers, and value, 4 States,<sup>1</sup> and foreign trade, United States, 1929-47

Year	Total production (fresh basis)	Production having value (fresh basis) <sup>1/2</sup>	Price	Farm value	Domestic exports						Imports				
					Fresh prunes and plums			Dried in fruit salad <sup>1</sup>			Total, in terms of fresh <sup>2</sup>	Fresh prunes and plums	Other-wise prepared or pre-served <sup>4</sup>	Dried prunes <sup>3</sup>	Total, in terms of fresh <sup>5</sup>
					Tons	1,000 pounds	Canned prunes and plums	Oiled prunes <sup>3</sup>	Tons	Tons					
1929	521,500	518,500	48.80	25,292	2,013	71,494	2,296	175,807	62	101	23	163			
1930	854,800	797,900	25.90	20,661	1,679	148,127	3,122	369,022	180	468	20	454			
1931	684,700	679,700	20.30	13,697	1,041	121,968	3,346	306,022	204	611	18	524			
1932	586,800	598,700	21.50	12,009	968	91,177	3,053	230,937	167	512	14	432			
1933	597,600	597,600	31.60	18,281	855	101,416	76,338	233,837	192	608	21	504			
1934	597,600	597,600	24.40	14,352	836	76,338	82,020	275,867	199	546	12	475			
1935	852,400	842,200	22.80	19,171	912	108,820	3,112	275,867	199	546	12	475			
1936	598,400	597,900	20.40	16,713	6,242	586	81,976	1,932	211	196	541	722			
1937	714,500	709,500	22.80	16,203	5,987	1,293	107,396	2,790	275,206	288	398	522			
1938	853,600	698,000	17.50	11,716	7,925	1,595	107,016	4,486	280,464	454	240	600			
1939	673,200	651,300	23.90	15,955	6,823	7,986	56,523	3,356	163,097	411	711	760			
1940	543,100	514,100	23.00	11,821	4,576	19,018	332	19,018	651	83	10	1,151			
1941	582,700	552,900	30.80	16,856	13,254	101,050	692	296,551	581	513	5	313			
1942	542,200	534,700	37.90	30,359	5,507	90,320	454	126,963	328	14	3	346			
1943	624,800	619,370	75.50	46,738	4,106	61,357	(*)	133,117	(*)	(*)	(*)	47			
1944	597,000	593,700	87.00	43,810	1,971	61,357	45,397	16,048	(*)	(*)	(*)	14			
1945	711,300	699,600	83.40	58,334	3,159	45,397	828	206,155	(*)	(*)	(*)	656			
1946	687,600	683,400	98.60	67,416	1,827	77,207	828	206,155	3	34	(*)	14			
1947 <sup>10</sup>	597,000	593,500	61.90	36,736	7,855	68,968	4,410	192,658	340	704	(*)	656			

<sup>1</sup> Idaho, Washington, Oregon, and California.<sup>2</sup> Differences between "total production" and "production having value" consist of fruit not harvested on account of economic conditions and/or harvested but not utilized because of abnormal cullage.<sup>3</sup> Dried prunes in salad estimated at 43 percent of total dried fruit for salad.<sup>4</sup> Exports of dried prunes converted to unprocessed dry weight by dividing by 1.025. Unprocessed dry weight converted to terms of fresh fruit on the basis that 1 pound dried equals 2½ pounds fresh. Canned prunes converted to terms of fresh fruit on the basis that 1 pound canned equals 0.729 pound fresh.

Otherwise prepared or preserved converted to terms of fresh fruit on the basis of 1 pound equals 0.899 pound fresh.

<sup>5</sup> January to June; not segregated prior to this time.<sup>6</sup> July to December; 1937, 1938 not available.<sup>7</sup> Annual to June 1939; 1938 not available.<sup>8</sup> Less than ½ ton.<sup>9</sup> Preliminary.

Bureau of Agricultural Economics. Foreign trade data compiled from records of Department of Commerce.

TABLE 268.—Prunes: Utilization of production, season average price per ton received by farmers, and value, 4 States, 1929-47

Year	For farm household use (fresh basis)	Fresh <sup>1</sup>			Canned <sup>2,3</sup>			Dried <sup>4,5</sup>			Frozen (fresh basis)	Other processed (fresh basis)
		Quantity (fresh basis)	Price	Farm value	Quantity (fresh basis)	Price	Farm value	Quantity (dry basis)	Price	Farm value		
	Tons	Dollars	1,000 dollars	Tons	Dollars	1,000 dollars	Tons	Dollars	1,000 dollars	Tons	Tons	
1929	5,450	67,700	2,610	14,000	35.80	500,700	28,700	108,800	31,100	130		
1930	5,350	55,200	2,047	11,200	45.80	512,800	29,400	136,900	32,100	1,900		
1931	5,200	35,300	1,947	11,200	18.90	212,800	28,900	53,800	32,122	13,000		
1932	5,881	34,400	1,445	11,600	11.80	137	242,100	49,600	12,001	8,430		
1933	5,550	45,200	2,340	8,100	9.50	77	194,100	55,500	10,764	2,280		
1934	5,150	35,800	1,259	12,700	16.70	212	205,100	81,200	16,650	3,700		
1935	6,250	46,900	32.40	1,519	16,900	17,000	288	205,800	61,500	10,050		
1936	6,250	47,700	38.00	1,812	26,200	354	297,000	96,700	12,372	2,700		
1937	5,300	43,300	1,698	28,900	17.20	498	184,400	78,000	14,249	100		
1938	5,300	38,700	1,398	28,900	17.20	498	184,400	78,000	14,249	100		
1939	5,700	45,700	1,988	33,500	8.70	132	235,400	41,400	13,937	1,250		
1940	5,700	45,700	1,988	33,500	8.70	132	235,400	41,400	13,937	1,250		
1941	5,700	53,600	2,364	34,500	8.50	292	223,000	64,700	13,816	300		
1942	4,900	44,700	3,110	3,900	25.60	99,400	177,400	55,500	9,845	300		
1943	5,900	42,000	41.60	1,747	36,470	926	184,600	75.70	13,983	400		
1944	6,000	50,800	67.50	3,429	19,200	702	176,800	146.00	25,775	1,200		
1945	6,000	57,500	107.00	3,837	35,370	1,429	207,700	185.00	38,338	1,900		
1946	5,100	35,710	86.86	20,850	56.40	1,175	163,150	218.00	35,570	2,200		
1947	6,300	43,300	112.00	27,500	58.40	1,508	223,700	210.00	44,111	10,050		
1948	6,300	43,300	112.00	27,500	58.40	1,508	223,700	210.00	44,111	10,050		
1949	5,100	57,130	86.50	4,939	26,170	67.90	201,200	146.00	26,923	2,700		
1950	5,100	57,130	86.50	4,939	26,170	67.90	201,200	146.00	26,923	2,700		

<sup>1</sup> Idaho, Washington, and Oregon.

<sup>2</sup> Includes small quantities frozen in some years prior to 1941.

<sup>3</sup> Washington and Oregon.

**‘The drying ratio in Washington and Oregon ranges from 3 to 4 pounds**

of fresh fruit to 1 pound dried; in California, the drying ratio is approximately  $2\frac{1}{2}$  pounds fresh to 1 pound dried.

<sup>5</sup> Washington, Oregon, and California.

**Preliminary.**  
**Bureau of Agricultural Economics.**

# STRAWBERRIES

219

TABLE 269.—*Strawberries, commercial crop: Acreage, yield, production, season average price per crate received by farmers, and value, United States, 1929-47*<sup>1</sup>

Year	Acreage harvested	Yield per acre	Production <sup>2</sup>	Price	Farm value	Year	Acreage harvested	Yield per acre	Production <sup>2</sup>	Price	Farm value
	<i>Acres</i>	<i>Crates<sup>3</sup></i>	<i>1,000 crates<sup>3</sup></i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>Crates<sup>3</sup></i>	<i>1,000 crates<sup>3</sup></i>	<i>Dollars</i>	<i>1,000 dollars</i>
1929.....	206,890	62.3	12,886	3.12	40,202	1939.....	161,100	73.2	11,786	2.44	28,673
1930.....	178,470	51.2	9,143	3.98	36,421	1940.....	164,350	75.0	12,319	2.45	29,672
1931.....	156,190	73.8	11,527	3.17	36,502	1941.....	169,020	74.0	12,506	2.48	29,754
1932.....	190,990	68.5	13,088	1.93	24,645	1942.....	155,840	82.6	12,870	3.18	38,630
1933.....	197,490	61.7	12,187	1.74	20,719	1943.....	111,490	57.9	6,459	6.33	40,787
1934.....	197,260	53.0	10,460	2.04	21,154	1944.....	77,350	56.4	4,366	7.93	34,544
1935.....	159,000	68.0	10,811	2.33	25,211	1945.....	77,600	67.0	5,201	8.61	44,682
1936.....	155,320	58.0	9,005	2.79	25,140	1946.....	91,810	76.3	7,004	9.77	68,453
1937.....	143,550	75.3	10,809	2.96	32,047	1947 <sup>4</sup> .....	116,110	76.0	8,827	7.55	66,313
1938.....	155,310	64.2	9,973	2.72	26,760						

<sup>1</sup> Includes quantities used for processing.

<sup>2</sup> Includes the following quantities not harvested which are excluded in computing value: 305,000 crates in 1932, 280,000 in 1933, 80,000 in 1934, 134,000 in 1938, 28,000 in 1939, 199,000 in 1940, 510,000 in 1941, 740,000 in 1942, 20,000 in 1943, 9,000 in 1944, 10,000 in 1945, and 40,000 in 1947.

<sup>3</sup> Equivalent 24-quart crates (approximately 36 pounds).

<sup>4</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1918-28 in Agricultural Statistics 1942, table 330.

TABLE 270.—*Strawberries, commercial crop: Acreage, production, and season average price per crate received by farmers, by States, average 1936-45, annual 1946 and 1947*<sup>1</sup>

Group and State	Acreage			Production			Price for crop of—		
	Average 1936-45	1946	1947 <sup>2</sup>	Average 1936-45	1946	1947 <sup>2</sup>	Average 1936-45	1946	1947 <sup>2</sup>
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 crates<sup>3</sup></i>	<i>1,000 crates<sup>3</sup></i>	<i>1,000 crates<sup>3</sup></i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
<b>Winter: Florida.....</b>									
	5,800	2,800	4,750	398	224	309	6.56	10.55	11.55
<b>Early spring:</b>									
Louisiana.....	18,010	16,800	21,000	1,120	1,075	882	5.11	10.40	8.95
Alabama.....	2,870	1,700	2,100	220	153	136	3.76	7.85	5.10
Texas.....	1,540	600	650	91	36	39	5.04	10.90	9.65
California.....	1,560	660	1,000	244	89	225	5.86	12.00	10.80
Total or average.....	23,980	19,760	24,750	1,675	1,353	1,282	4.98	10.23	8.89
<b>Midspring:</b>									
Mississippi.....	250			16			3.31		
Georgia.....	230			13			2.69		
South Carolina.....	310	200	250	25	22	19	4.62	10.20	7.60
North Carolina.....	5,090	2,200	2,400	440	176	144	4.26	16.90	7.35
Tennessee.....	10,000	6,800	8,500	571	605	765	3.52	7.20	5.80
Arkansas.....	12,530	9,000	11,000	716	585	748	3.69	7.00	5.85
Oklahoma.....	750	700	850	46	70	68	3.88	7.00	6.85
Kansas.....	1,100	1,400	1,550	46	63	85	3.79	8.50	6.50
Missouri.....	4,920	3,500	3,800	232	210	228	4.28	10.50	7.80
Illinois.....	3,660	2,400	3,500	183	96	280	4.10	9.00	6.55
Kentucky.....	6,480	3,300	4,500	346	148	360	3.96	10.00	6.80
Virginia.....	6,200	3,500	4,100	394	210	205	3.73	9.70	5.30
Maryland.....	5,530	2,500	2,700	331	150	162	3.92	9.70	7.35
Delaware.....	2,660	900	950	138	50	43	4.02	9.15	7.45
California.....	2,530	1,050	1,800	379	273	531	5.12	11.10	9.50
Total or average.....	62,230	37,450	45,900	3,875	2,658	3,638	3.90	8.71	6.75
<b>Late spring:</b>									
New Jersey.....	3,460	2,600	3,100	190	169	140	4.31	11.20	7.80
Pennsylvania.....	3,220	2,000	2,200	225	120	143	4.72	10.80	8.00
Ohio.....	3,840	2,100	2,200	319	136	165	4.39	11.25	8.60
Indiana.....	2,340	1,300	1,600	164	78	128	3.99	11.40	7.55
New York.....	3,900	3,300	3,800	316	297	304	4.78	11.55	8.85
Michigan.....	8,230	5,600	7,000	708	448	770	3.92	10.30	7.35
Wisconsin.....	2,040	2,000	2,000	156	180	180	4.00	9.90	6.90
Iowa.....	950	1,050	1,050	52	63	52	4.29	8.85	8.20
Utah.....	1,100	650	760	65	39	72	5.32	14.40	12.00
Washington.....	5,750	3,700	6,000	529	481	720	3.48	10.20	8.00
Oregon.....	10,250	7,500	11,000	856	758	924	3.48	10.08	6.35
Total or average.....	45,060	31,800	40,710	3,581	2,769	3,598	3.96	10.51	7.54
United States.....	137,090	91,810	116,110	9,529	7,004	8,827	4.19	9.77	7.55

For footnotes see page 220.

TABLE 271.—*Fresh fruits: Annual carlot rail and boat shipments of specified commodities, United States, 1938-47*<sup>1</sup>

Year	Apples <sup>2</sup>		Citrus fruits				Grapes		Peaches	Pears <sup>2</sup>
	East- ern	West- ern	Oranges <sup>2</sup>	Grape- fruit	Lemons	Mixed citrus	Califor- nia	Other		
	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>
1938.....	19,042	37,435	118,833	32,372	18,078	12,727	31,246	458	23,005	18,156
1939.....	22,725	28,564	112,147	36,867	20,635	15,619	31,415	403	20,041	16,040
1940.....	15,212	29,509	105,090	24,823	19,875	10,086	34,252	249	20,308	15,487
1941.....	16,548	30,100	114,074	29,714	24,863	11,431	33,657	135	22,843	14,862
1942.....	20,446	29,324	119,988	32,179	19,096	18,088	30,792	385	22,716	15,130
1943.....	10,155	26,388	110,370	31,700	20,376	22,361	22,312	374	12,465	14,695
1944.....	16,568	38,207	126,035	34,454	18,674	26,473	23,841	409	26,744	17,111
1945.....	5,983	37,705	118,788	35,916	18,170	21,281	28,496	180	36,687	19,834
1946.....	15,114	39,189	104,111	38,264	17,454	23,724	29,858	199	31,811	20,406
1947.....	5,021	41,231	106,250	37,604	16,709	16,221	34,657	354	26,443	19,664

Year	Apricots	Black- berries, dewberries, logan- berries	Cherries	Cran- berries	Plums and fresh prunes	Straw- berries	Mixed deciduous fruits	Total fruits
	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>
1938.....	1,107	93	1,843	1,396	5,728	6,513	2,238	330,270
1939.....	1,327	79	1,952	1,697	6,253	7,251	2,102	325,117
1940.....	1,124	53	1,812	1,256	6,998	5,070	1,823	293,127
1941.....	1,112	35	2,153	1,507	6,783	5,285	1,590	316,692
1942.....	1,408	6	2,244	1,489	7,225	6,628	1,631	328,775
1943.....	1,248	31	2,103	1,107	6,185	2,523	1,437	285,890
1944.....	2,446	45	2,152	643	8,954	1,351	1,606	345,713
1945.....	2,353	17	2,768	1,165	8,145	2,056	1,837	341,361
1946.....	2,403	-----	2,539	952	8,867	2,383	1,507	338,771
1947.....	2,272	5	2,270	928	8,781	3,096	1,308	322,814

<sup>1</sup> Figures for all commodities are on a calendar-year basis, except as indicated in footnote 2.<sup>2</sup> Season beginning in June of year indicated and ending the following spring.<sup>3</sup> Includes Satsumas and tangerines.

Production and Marketing Administration. Compiled from daily and monthly reports received from officials and local agents of common carriers throughout the country. Shipments shown in carlots include boat shipments reduced to a carlot basis. Shipments by truck are not included but have become increasingly important during this period. The data are not indicative of total production or total sales.

## FOOTNOTES FOR TABLE 270

<sup>1</sup> Includes quantities used for processing.<sup>2</sup> Preliminary.<sup>3</sup> Equivalent 24-quart crates (approximately 36 pounds).<sup>4</sup> Includes some quantities not harvested.

Bureau of Agricultural Economics.



TABLE 272.—Fruits for fresh consumption: Season average price per unit received by growers, selected States, average 1935-39, annual 1943-47

Crop and State	Unit	Average 1935-39	1943	1944	1945	1946	1947 <sup>1</sup>
		Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
Apricots:							
Utah.....	Ton	48.20	126.00	123.00	100.00	100.00	105.00
Washington.....	do	53.90	209.00	148.00	152.00	131.00	121.00
California.....	do	47.00	155.00	165.00	156.00	150.00	123.00
United States.....	do	48.70	170.00	156.00	149.00	140.00	121.00
Cherries, sweet:							
Washington.....	do	<sup>2</sup> 134.00	309.00	360.00	321.00	356.00	419.00
California.....	do	<sup>2</sup> 108.00	337.00	358.00	353.00	373.00	319.00
Figs, California <sup>2</sup> .....	do	52.70	180.00	183.00	180.00	211.00	168.00
Grapefruit:							
Florida, all.....	Box	<sup>2</sup> .83	1.79	2.17	1.96	1.42	.98
Seedless.....	do	<sup>2</sup> .91	1.84	2.28	2.03	1.39	.....
Other.....	do	<sup>2</sup> .76	1.67	2.03	1.84	1.48	.....
Texas, all.....	do	.75	1.70	1.71	1.64	1.36	.93
Arizona, all.....	do	<sup>2</sup> .52	2.47	2.91	2.18	1.66	1.76
California, all.....	do	<sup>2</sup> .87	2.81	2.82	2.35	2.17	2.14
Desert Valley.....	do	<sup>2</sup> .66	2.08	2.17	<sup>10</sup> 1.95	1.54	.....
Other.....	do	<sup>2</sup> 1.11	3.16	3.19	2.59	2.87	1.82
California-Arizona Desert Valley.....	do	<sup>2</sup> .56	2.36	2.68	2.11	1.62	.....
United States.....	do	<sup>2</sup> .67	1.93	2.09	1.86	1.47	1.09
Lemon s, California.....	do	<sup>2</sup> 2.83	5.03	4.60	4.25	5.18	4.42
Limes, Florida.....	do	3.65	5.74	5.58	4.60	4.95	4.00
Oranges:							
Florida:							
Early and midseason.....	do	<sup>2</sup> .84	2.17	2.58	2.66	1.68	.....
Valencias.....	do	<sup>2</sup> 1.32	2.68	2.96	3.12	1.95	.....
All oranges, except tangerines.....	do	<sup>2</sup> 1.01	2.38	2.75	2.87	1.79	1.29
Tangerines.....	do	<sup>2</sup> 1.00	2.59	2.81	3.35	2.32	1.71
All oranges and tangerines.....	do	<sup>2</sup> 1.01	2.40	2.75	2.92	1.83	1.33
Texas, all.....	do	1.18	2.58	2.99	2.62	2.13	1.83
Arizona, all.....	do	<sup>2</sup> 1.35	3.74	3.93	4.43	4.06	2.86
California, all.....	do	<sup>2</sup> 1.49	3.94	3.74	<sup>10</sup> 4.25	2.86	2.55
Naval and miscellaneous.....	do	<sup>2</sup> 1.28	3.54	3.72	<sup>10</sup> 3.83	3.21	.....
Valencias.....	do	<sup>2</sup> 1.66	4.21	3.74	<sup>10</sup> 4.58	2.61	.....
California-Arizona combined, all.....	do	<sup>2</sup> 1.49	3.94	3.74	<sup>10</sup> 4.26	2.89	2.55
United States, except tangerines.....	do	<sup>2</sup> 1.29	3.24	3.35	3.57	2.40	2.03
United States, including tangerines.....	do	<sup>2</sup> 1.28	3.21	3.32	3.56	2.39	2.02
Grapes:							
California, all.....	Ton	21.10	109.00	113.00	71.10	109.00	50.90
Shipped fresh out of State.....	do	21.40	109.00	114.00	70.20	110.00	50.70
Intrastate, used fresh.....	do	18.60	110.00	110.00	77.80	105.00	52.20
Peaches:							
California, all.....	Bushel	.76	2.91	2.68	2.73	3.01	2.02
Clingstone.....	do	.72	2.52	2.23	2.86	2.62	1.91
Freestone.....	do	.78	2.95	2.74	2.72	3.03	2.03
United States <sup>4</sup> .....	do	1.07	3.59	2.74	2.55	2.50	1.94
Pears:							
Washington <sup>5</sup> .....	do	.50	2.73	2.01	2.23	2.16	1.78
Oregon <sup>6</sup> .....	do	.54	3.56	2.43	2.39	2.48	1.37
California <sup>6</sup> .....	do	.65	2.39	2.43	2.14	2.31	1.87
United States <sup>7</sup> .....	do	.63	2.66	2.13	2.14	2.25	1.70
Plums:							
Michigan.....	Ton	35.80	164.00	130.00	140.00	95.00	105.00
California.....	do	48.10	185.00	124.00	147.00	146.00	161.00
United States.....	do	47.10	184.00	124.00	147.00	144.00	150.00
Prunes:							
Idaho.....	do	35.90	149.00	96.00	86.20	114.00	69.00
Washington.....	do	38.40	170.00	114.00	113.00	128.00	119.00
Oregon.....	do	33.20	151.00	116.00	114.00	104.00	104.00
United States <sup>8</sup> .....	do	35.50	157.00	107.00	102.00	113.00	86.60
Small fruits in New Jersey:							
Blackberries and dewberries.....	Quart	.10	.27	.28	.32	.31	.22
Raspberries.....	do	.15	.42	.46	.51	.62	.43
Strawberries:							
Louisiana.....	24-quart	<sup>9</sup> 3.40	7.95	11.30	10.58	11.34	9.58
Washington.....	do	<sup>9</sup> 2.93	5.72	5.09	7.71	11.98	10.08
Oregon.....	do	<sup>9</sup> 3.02	5.68	7.76	7.64	11.11	7.06
United States <sup>11</sup> .....	do	<sup>9</sup> 2.77	6.44	8.00	8.96	9.82	7.72

<sup>1</sup> Preliminary. <sup>2</sup> 1938-39 average. <sup>3</sup> Bulk fruit at first delivery point.<sup>4</sup> California for fresh consumption; other States all methods of sale.<sup>5</sup> Packing-house-door returns per Northwest box.<sup>6</sup> Bulk fruit at first delivery point per equivalent 48-pound bushel.<sup>7</sup> Packing-house-door returns for fresh consumption in Pacific Coast States and average price per bushel for other States.<sup>8</sup> State prices weighted by sales to obtain United States average.<sup>9</sup> 1937-39 average.<sup>10</sup> Revised.<sup>11</sup> Strawberries for fresh use in Louisiana, Washington, and Oregon, and all strawberries in other States.

Bureau of Agricultural Economics.

TABLE 273.—Fruits, canned: United States pack of selected items, 1929-47

Season	Apples and apple-sauce	Apricots	Berries	Cherries	Grapefruit segments <sup>1</sup>	Olives	Peaches	Pears	Pine-apple	Plums and prunes	Salad and cocktail	Total of these items
	Million cases <sup>2</sup>	Million cases <sup>2</sup>	Million cases <sup>2</sup>	Million cases <sup>2</sup>	Million cases <sup>2</sup>	Million cases <sup>2</sup>	Million cases <sup>2</sup>	Million cases <sup>2</sup>	Million cases <sup>2</sup>	Million cases <sup>2</sup>	Million cases <sup>2</sup>	Million cases <sup>2</sup>
1929	4.0	4.0	2.1	1.9	1.2	0.6	8.3	4.6	9.9	1.2	1.7	39.5
1930	2.9	2.0	1.6	2.1	2.0	.6	13.1	4.3	9.7	.9	1.7	40.9
1931	2.7	2.0	2.2	1.6	.7	.4	8.3	3.7	11.0	.9	1.3	34.8
1932	3.1	1.8	1.0	1.8	1.5	.4	6.3	3.4	8.8	.6	1.4	30.1
1933	3.2	2.4	1.2	2.2	1.7	.5	10.4	4.6	9.8	1.0	2.3	39.3
1934	3.8	2.0	1.6	2.0	2.6	.6	8.8	5.7	12.2	1.3	2.6	43.2
1935	3.5	3.2	1.4	2.6	1.8	.5	11.5	4.5	10.0	1.9	3.0	43.9
1936	4.1	2.9	1.3	1.7	3.1	1.0	11.0	5.9	13.2	2.0	3.7	49.9
1937	4.7	5.6	1.5	2.6	2.6	.7	13.6	4.9	14.3	1.9	4.5	56.9
1938	2.7	1.7	1.2	2.1	3.0	.6	10.2	4.7	9.1	.8	2.8	38.9
1939	4.9	3.4	1.2	3.5	3.0	.9	12.0	4.6	13.7	2.3	5.3	54.8
1940	4.1	2.2	1.2	3.3	2.2	1.1	11.3	5.5	11.6	1.3	5.0	48.8
1941	7.2	4.3	1.7	2.6	3.3	1.2	15.1	6.6	15.7	2.3	5.7	65.3
1942	8.7	3.2	1.3	3.5	.7	.7	16.2	5.9	8.0	2.1	6.2	56.5
1943	4.0	1.2	1.0	1.3	.7	1.0	10.9	4.5	6.5	2.8	5.7	39.6
1944	6.1	7.8	.5	3.5	.3	.9	13.6	4.6	4.9	1.4	6.3	49.9
1945	2.7	4.3	.4	2.4	1.9	.6	14.8	4.7	4.1	1.9	6.6	41.4
1946	9.6	10.6	.9	4.3	3.9	1.9	20.3	5.5	9.4	3.6	8.0	78.0
1947	6.5	3.3	.9	2.4	2.4	1.0	19.0	5.7	10.2	2.5	10.2	64.1

<sup>1</sup> Including shipments from Puerto Rico.<sup>2</sup> Shipments from Hawaii to the United States, plus "prepared or preserved" shipments from Puerto Rico and imports; calendar year basis.<sup>3</sup> In terms of cases of 24 No. 2½ cans.<sup>4</sup> Preliminary.

Bureau of Agricultural Economics. In addition to the canned fruits shown in this table, considerable quantities of the following products also are canned: Cranberries, citrus salad, figs, fruit puree, grapes, and orange segments.

TABLE 274.—Fruits juices, canned: United States packs, and receipts from Puerto Rico and Hawaii, 1928-47

Mainly season beginning November	Citrus juices						Pine- apple juice from Hawaii	Grape juice	Prune juice	Apple juice	Fruit nectars	Total fruit juices
	Grapefruit		Orange	Blended orange and grape- fruit	Lemon	Total citrus <sup>1</sup>						
	United States pack	Re- ceipts from Puerto Rico										
1928	205	—	—	—	—	205	1,112	—	—	—	—	1,317
1929	192	—	38	—	—	230	1,105	—	—	—	—	1,336
1930	462	5	94	—	—	561	1,300	—	—	—	—	1,761
1931	341	1	36	—	—	378	1,296	—	—	—	—	1,677
1932	779	3	99	—	—	881	1,128	—	—	—	—	2,016
1933	844	4	303	—	—	1,151	961	—	—	—	—	2,112
1934	3,040	18	945	—	42	4,045	3,095	1,283	40	( <sup>3</sup> )	50	8,513
1935	2,602	50	1,036	85	141	3,914	7,753	1,604	70	( <sup>3</sup> )	140	13,481
1936	6,616	205	1,410	272	249	8,752	9,418	1,778	150	( <sup>3</sup> )	355	20,453
1937	8,811	104	1,040	547	212	10,714	7,277	1,950	950	( <sup>3</sup> )	1,585	22,476
1938	11,624	47	1,263	717	50	13,710	10,626	2,533	870	( <sup>3</sup> )	705	28,444
1939	10,933	36	3,595	1,433	128	16,125	10,392	3,115	230	435	540	30,837
1940	16,788	31	4,094	2,569	294	23,776	14,364	3,178	290	580	1,800	43,988
1941	12,783	52	4,777	2,342	228	20,182	7,935	2,610	505	2,030	1,695	34,957
1942	23,602	33	3,233	3,702	29	30,189	6,917	2,900	1,740	1,595	725	44,006
1943	20,092	17	8,446	6,283	111	40,949	4,376	1,595	2,320	1,595	290	51,125
1944	22,435	217	16,777	8,075	330	47,834	4,297	1,997	2,465	2,465	470	59,928
1945	20,062	128	22,182	13,461	627	62,460	10,529	2,552	4,030	1,305	290	82,646
1946	17,614	219	19,717	10,459	327	48,336	11,581	3,408	4,612	3,074	1,479	76,550
1947	17,450	206	27,308	12,369	492	57,525	2,610	4,596	1,343	1,343	1,500	—

<sup>1</sup> Excluding citrus concentrates, which amounted to large quantities particularly during World War II.<sup>2</sup> Equivalent cases of 24 no. 2 cans.<sup>3</sup> Included with fruit nectars.<sup>4</sup> Includes 1,450,000 cases of berry juices in 1945 and 4,060,000 cases in 1946.

Production and Marketing Administration. Based on data obtained from various canners' associations and individual canners. Receipts from Puerto Rico and Hawaii from reports of the Department of Commerce. Figures in this table have been somewhat revised from those in earlier issues.

TABLE 275.—*Fruits, dried: Estimated commercial production in specified foreign countries, averages 1930-34 and 1935-39, annual 1942-47*

Commodity and country	Averages		1942	1943	1944	1945	1946 <sup>1</sup>	1947 <sup>1</sup>
	1930-34	1935-39						
	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>
<b>Apples, dried:</b>								
Australia.....	400	500	1,300	1,900	2,300	2,000	2,000	1,500
Canada.....	1,600	3,000	7,300	6,500	6,700	800	2,200	3,000
Union of South Africa.....	100	100	300	200	200	100	100	100
Total.....	2,100	3,600	8,900	8,600	9,200	2,900	4,300	4,600
<b>Apricots, dried:</b>								
Australia.....	1,300	1,600	2,100	1,400	2,100	900	1,500	1,400
Spain.....	( <sup>2</sup> )	( <sup>2</sup> )	4,700	5,500	9,600	2,600	2,200	4,200
Syria.....	700	900	500	1,000	800	600	600	600
Union of South Africa.....	2,400	1,600	300	700	900	700	100	300
Total.....	<sup>3</sup> 4,400	<sup>3</sup> 4,100	7,600	8,600	13,400	4,800	4,400	6,500
<b>Currants (dried grapes):</b>								
Australia.....	19,700	21,600	23,700	23,800	28,400	19,700	15,700	12,700
Greece.....	127,700	135,700	54,300	44,900	55,000	41,800	62,200	84,500
Union of South Africa.....	200	700	1,200	900	1,100	1,100	1,200	1,000
Total.....	147,600	158,000	79,200	69,600	84,500	62,600	79,100	98,200
<b>Figs, dried:</b>								
Algeria.....	14,900	18,500	14,900	17,200	9,500	10,400	22,700	21,000
Argentina.....	( <sup>2</sup> )	400	800	400	200	300	1,300	1,000
Greece.....	20,300	22,800	20,900	15,500	13,200	19,800	21,400	27,800
Italy.....	64,500	87,200	85,400	68,000	70,400	59,200	60,500	65,600
Portugal.....	6,600	5,700	8,800	12,100	8,800	5,500	11,000	11,600
Turkey.....	30,400	37,000	19,800	27,500	35,200	28,600	38,500	39,600
Union of South Africa.....	200	100	200	200	200	200	200	200
Total.....	136,900	171,700	150,800	139,900	137,500	124,000	155,600	166,800
<b>Peaches, dried:</b>								
Argentina.....	400	1,200	400	4,300	2,500	3,200	4,300	3,000
Australia.....	500	500	400	400	500	600	500	400
Chile.....	1,700	1,700	1,300	900	1,000	800	800	900
Union of South Africa.....	1,000	700	700	1,100	1,300	900	800	900
Total.....	3,600	4,100	2,800	6,700	5,300	5,500	6,400	5,200
<b>Pears, dried:</b>								
Argentina.....	100	400	600	800	1,000	900	2,700	1,900
Australia.....	300	300	300	400	500	400	300	400
Union of South Africa.....	200	200	1,400	1,300	500	1,000	300	500
Total.....	600	900	2,300	2,500	2,000	2,300	3,300	2,800
<b>Prunes dried:</b>								
Argentina.....	1,400	1,500	1,700	4,200	2,900	4,300	4,800	4,400
Australia.....	2,200	2,900	3,500	3,100	3,600	1,900	3,000	2,200
Bulgaria.....	1,500	9,400	6,500	8,000	2,000	3,000	3,000	1,200
Chile.....	300	1,100	1,300	1,300	1,900	1,800	2,600	2,900
France.....	7,400	4,700	1,000	2,700	3,800	1,100	4,100	6,600
Rumania.....	10,200	12,000	7,900	6,000	1,100	7,700	5,000	2,600
Union of South Africa.....	1,300	1,100	1,900	900	1,600	1,300	1,600	1,900
Yugoslavia.....	20,100	30,500	6,600	17,600	1,100	11,000	7,200	9,000
Total.....	44,400	63,200	30,400	43,800	18,000	32,100	31,300	30,200
<b>Raisins:</b>								
Argentina.....	2,300	4,600	4,000	8,300	7,100	3,600	4,100	5,500
Australia.....	53,900	60,300	79,900	78,000	88,400	56,500	65,400	50,500
Chile.....	1,500	1,800	2,200	2,200	900	900	1,300	1,000
Greece.....	21,100	32,700	19,800	17,600	17,600	9,400	20,900	27,500
Iran.....	29,400	36,200	27,500	38,500	33,000	33,000	35,800	22,000
Spain.....	16,700	14,500	8,200	10,400	10,400	8,600	6,100	11,300
Turkey.....	51,000	73,800	55,000	77,000	49,500	71,500	60,500	33,000
Union of South Africa.....	6,900	10,000	12,500	12,500	12,200	11,500	12,300	9,500
Total.....	182,800	233,900	209,100	244,500	219,100	195,000	206,400	160,300

<sup>1</sup> Preliminary.<sup>2</sup> No data available.<sup>3</sup> Excluding Spain.<sup>4</sup> Excluding Argentina.

Office of Foreign Agricultural Relations. Compiled from trade reports and official sources. Data for 1930-41 in Agricultural Statistics, 1945, tables 247-254.

TABLE 276.—*Dried fruits: Production (dry basis), United States, 1929-47*

Year	Apples	Apri- cots	Berries	Dates	Figs	Peaches	Pears	Prunes <sup>1</sup>	Raisins	Other grapes	Total
	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>
1929.....	25,300	22,110	-----	870	17,000	15,500	4,200	159,700	215,000	9,500	469,180
1930.....	26,300	23,820	-----	1,560	21,000	26,100	4,510	284,800	192,000	3,500	583,590
1931.....	22,500	37,640	500	1,215	17,000	21,500	4,370	242,100	169,000	6,600	522,425
1932.....	23,550	35,300	250	2,160	19,000	22,200	5,490	194,100	262,000	3,500	567,520
1933.....	25,800	37,450	350	2,450	21,500	23,360	6,970	205,100	195,000	3,250	521,230
1934.....	19,500	16,800	300	3,160	22,900	25,740	4,930	200,800	171,000	2,800	467,930
1935.....	25,800	25,825	300	3,250	24,000	19,540	6,100	297,000	203,000	1,000	605,815
1936.....	20,700	32,200	400	3,970	20,000	26,215	8,100	184,000	182,000	1,400	478,985
1937.....	25,500	34,300	250	3,630	28,700	22,900	3,500	255,400	247,000	1,500	622,680
1938.....	20,000	21,400	350	3,530	31,500	21,960	6,840	238,000	290,000	2,200	635,780
1939.....	25,400	41,000	250	2,600	26,000	24,000	8,910	213,400	245,000	2,150	588,710
1940.....	12,000	10,600	150	6,200	32,000	24,420	3,110	177,400	171,000	1,150	438,030
1941.....	17,000	19,700	45	5,790	33,500	14,900	5,660	184,600	209,000	1,000	489,195
1942.....	21,000	20,800	50	7,740	28,200	23,200	2,740	176,800	254,000	2,250	536,780
1943.....	17,500	6,600	-----	10,770	36,700	16,400	4,150	207,700	401,000	450	701,270
1944.....	17,000	25,800	-----	13,190	35,200	26,700	4,040	163,150	309,500	-----	594,580
1945.....	14,500	7,800	-----	6,800	32,600	22,800	5,450	233,750	241,000	1,300	566,000
1946 <sup>2</sup> .....	18,300	17,950	-----	16,720	36,600	25,000	4,580	223,250	193,000	100	534,500
1947 <sup>2</sup> .....	16,000	13,960	-----	10,180	38,000	18,270	2,700	201,200	315,000	275	615,585

<sup>1</sup> Figures on dried prunes are for harvested quantities only; additional quantities of California prunes, in some years, were not harvested.

<sup>2</sup> Preliminary.

Bureau of Agricultural Economics. Figures on dates, figs, prunes, and raisins compiled from official reports of the Bureau. Data on other fruits from trade sources or from Giannini Foundation of Agricultural Economics, University of California. All figures on a natural condition basis.

TABLE 277.—*Frozen fruits: United States pack, 1947 <sup>1</sup>*

Commodity	Northeast <sup>2</sup>	South <sup>3</sup>	Midwest <sup>4</sup>	West <sup>5</sup>	Total
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
Apples.....	13,133	1,892	7,189	6,187	28,401
Applesauce.....	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	172
Apri-cots.....	-----	-----	-----	8,007	6,007
Berries, red, tart.....	18,659	-----	39,759	8,584	67,002
Cherries, sweet.....	62	-----	155	140	357
Grapes and pulp.....	7,218	203	8,140	5,333	20,975
Peaches.....	1,954	8,462	810	15,808	27,034
Pineapple.....	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	* 5,909
Prunes.....	418	-----	-----	2,424	2,843
Berries:					
Blackberries.....	155	1,335	214	12,806	14,510
Blueberries.....	2,201	173	2,887	146	5,407
Boysenberries.....	27	1,233	-----	* 11,235	12,495
Currants.....	2,198	-----	558	1,334	4,089
Gooseberries.....	-----	-----	-----	* 93	93
Loganberries.....	-----	-----	-----	2,299	2,299
Raspberries, black.....	1,709	267	2,134	3,006	7,116
Raspberries, red.....	1,294	101	869	23,137	25,401
Strawberries.....	10,548	25,861	9,699	62,927	109,036
Youngberries.....	-----	-----	-----	1,161	1,161
Miscellaneous <sup>10</sup> .....	1,150	3,665	171	1,960	6,946
Total.....	60,536	45,445	73,200	168,071	347,251

<sup>1</sup> The figures in this tabulation are for the commercial pack only and do not include quantities of fruit frozen by industrial users or other types of processors, who use all or the largest portion of their frozen pack as raw material for the manufacture of jams, jellies, and other fruit spreads, ice cream, bakery goods, or alcoholic beverages. The tabulation also does not include custom freezing for industrial users nor quantities produced in frozen-food locker plants.

<sup>2</sup> Maine, Massachusetts, Rhode Island, Connecticut, New York, New Jersey, and Pennsylvania.

<sup>3</sup> Missouri, Delaware, Maryland, Virginia, North Carolina, South Carolina, Georgia, Florida, Tennessee, Alabama, Mississippi, Arkansas, Louisiana, and Texas.

<sup>4</sup> Ohio, Indiana, Illinois, Michigan, Wisconsin, Minnesota, and Nebraska.

<sup>5</sup> Montana, Idaho, Colorado, Arizona, Utah, Washington, Oregon, and California.

<sup>6</sup> Data by regions not available for publication.

<sup>7</sup> Includes some packed in the South.

<sup>8</sup> Data by regions not available; includes Hawaiian pack.

<sup>9</sup> Includes some packed in the Midwest.

<sup>10</sup> Bananas, cantaloupes, citrus fruit, coconuts, cranberries, dewberries, elderberries, feijoa, figs, fruit juices, guavas, huckleberries, melon balls, mixed fruits, nectarines, oranges, orange puree, pears, persimmons, plums, quinces and tangerines.

National Association of Frozen Food Packers, annual report published in April 1948.

TABLE 278.—Frozen fruit: United States commercial pack, by varieties, 1937-46, and United States totals, 1925-46

Commodity	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Apples and applesauce.....	2,302	1,070	2,127	4,008	10,000	15,100	34,000	51,600	92,985	78,220
Apricots.....	194	193	304	175	700	5,300	10,000	41,000	65,158	43,571
Cherries, red, tart.....	33,264	29,017	39,733	39,963	43,741	46,000	24,600	55,100	16,144	88,061
Grapes.....	3,590	7,076	8,787	10,011	16,800	20,000	17,500	11,400	10,185	12,445
Peaches.....	964	4,407	6,812	5,377	6,600	14,300	17,000	45,600	103,634	65,140
Prunes and plums.....	455	195	( <sup>1</sup> )	( <sup>1</sup> )	400	3,000	22,000	19,800	18,368	14,106
Fruit juices.....	690	3,285	1,545	2,297				9,400		
Miscellaneous fruits.....	3,378	7,404	3,051	5,056	6,689	13,400	17,100	15,800	24,338	62,930
Strawberries.....	43,507	55,533	50,779	62,316	79,537	64,000	30,000	34,800	36,917	78,059
Raspberries.....	11,535	10,530	10,362	16,481	22,254	20,500	20,000	18,700	16,731	29,421
Blackberries.....	6,781	3,990	7,415	9,646	9,031	9,600	10,000	16,200	21,503	19,750
Blueberries <sup>2</sup> .....	337	1,681	1,106	2,563	2,187	1,700	4,500	5,000	7,829	10,240
Loganberries.....	2,370	1,610	1,438	2,467	3,465					3,017
Elderberries.....								10,200	12,157	
Boysenberries.....										10,905
Youngberries.....	573	1,407	5,899	11,688	4,364	7,500	8,000			1,766
Gooseberries.....								1,600	1,558	1,430
Currants.....	1,403	1,787	1,260	396	2,035			4,800	2,668	4,219
Total.....	111,343	129,185	140,618	172,444	207,803	220,400	214,100	341,000	430,177	523,281

## UNITED STATES TOTALS, 1925-36

Item	1925	1926	1927	1928	1929	1930
	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.
All frozen fruits.....	12,600	41,853	37,326	74,718	56,806	84,798
Item	1931	1932	1933	1934	1935	1936
	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.
All frozen fruits.....	68,632	60,222	49,842	65,112	77,229	70,106

<sup>1</sup>Included under "Miscellaneous fruits."<sup>2</sup>Includes huckleberries.

Bureau of Agricultural Economics. Data for 1925-41 from "Western Canner and Packer" (Yearbook for 1943); 1942-44, Inter-Agency Supply Estimates Committee, U. S. Department of Agriculture; 1945 and 1946, National Association of Frozen Food Packers.

TABLE 279.—Fruits: Total and per capita civilian consumption, United States, 1929-47<sup>1</sup>

Year	Total fresh fruits			Fresh apples *			Fresh citrus fruits			Total other fresh fruits <sup>2</sup> excluding citrus and apples			Canned fruits <sup>4</sup>			Canned juices <sup>5</sup>			Dried fruits <sup>6</sup>			Frozen fruits <sup>7</sup>		
	Total	Per capita	Mil. lb.	Per capita	Mil. lb.	Per capita	Total	Per capita	Mil. lb.	Per capita	Total	Per capita	Mil. lb.	Per capita	Total	Per capita	Mil. lb.	Per capita	Total	Per capita	Mil. lb.	Per capita		
1929	17,595	143.5	4,837	39.4	4,854	39.6	7,904	64.5	1,502	12.2	12.2	40	3	3	646	5.2	5.2	71	0.6	0.6				
1930	16,614	134.2	5,180	41.8	3,848	31.1	7,586	61.3	1,594	12.8	12.8	40	3	3	668	5.4	5.4	65	0.5	0.5				
1931	20,381	163.3	6,409	51.4	5,260	42.0	8,722	69.9	1,940	10.8	10.8	53	4	4	587	4.7	4.7	51	0.4	0.4				
1932	16,132	128.4	4,888	38.9	4,953	39.5	6,061	53.0	1,282	10.2	10.2	54	4	4	681	5.4	5.4	78	0.6	0.6				
1933	15,866	126.4	5,029	39.8	5,048	39.9	5,996	47.5	1,477	11.6	11.6	57	4	4	638	5.2	5.2	64	0.5	0.5				
1934	15,031	118.3	5,193	35.1	5,024	39.5	5,024	43.5	1,285	12.4	12.4	55	4	4	645	5.1	5.1	62	0.5	0.5				
1935	17,376	135.8	5,594	44.4	5,679	44.4	6,508	58.7	1,712	13.3	13.3	263	2.0	2.0	757	5.9	5.9	64	0.7	0.7				
1936	16,445	127.6	5,534	42.7	5,915	45.9	6,906	54.3	2,144	16.6	16.6	308	2.4	2.4	699	5.4	5.4	87	0.7	0.7				
1937	18,253	140.8	4,323	33.3	6,730	44.2	8,200	63.3	1,743	13.4	13.4	579	4.5	4.5	753	5.8	5.8	66	0.6	0.6				
1938	17,416	133.3	3,658	28.0	6,372	48.8	7,380	56.5	2,002	15.3	15.3	622	4.8	4.8	722	6.0	6.0	132	1.0	1.0				
1939	19,875	150.9	4,021	30.5	7,524	59.4	7,524	59.4	2,099	15.9	15.9	800	6.1	6.1	836	6.3	6.3	147	1.1	1.1				
1940	18,841	141.8	3,918	29.5	7,495	56.4	7,495	56.4	2,516	18.8	18.8	913	6.9	6.9	848	6.4	6.4	169	1.3	1.3				
1941	19,618	148.0	4,132	31.2	7,570	57.1	7,570	57.1	2,383	17.9	17.9	1,108	8.4	8.4	542	4.1	4.1	177	1.4	1.4				
1942	17,197	130.0	3,521	28.6	7,541	57.0	6,135	46.4	2,140	16.4	16.4	1,062	8.2	8.2	571	4.4	4.4	184	1.4	1.4				
1943	18,552	143.6	3,278	25.4	8,674	59.6	4,674	36.1	91	1.1	1.1	1,890	8.6	8.6	767	5.9	5.9	146	1.1	1.1				
1944	18,556	143.6	3,278	25.4	8,707	67.8	6,511	50.4	1,111	8.6	8.6	1,273	9.9	9.9	791	6.1	6.1	259	2.0	2.0				
1945	18,644	143.6	2,973	22.9	8,478	65.3	7,193	55.4	2,212	16.4	16.4	1,335	10.3	10.3	797	5.9	5.9	298	2.3	2.3				
1946	19,558	140.4	3,217	23.1	8,107	58.2	8,234	59.1	3,025	21.3	21.3	2,298	16.5	16.5	642	4.5	4.5	430	3.1	3.1				
1947 <sup>10</sup>	20,889	145.6	3,617	25.2	8,887	61.9	8,385	58.5	2,706	18.7	18.7	2,157	15.1	15.1	605	4.2	4.2	458	3.2	3.2				

<sup>1</sup> Fresh fruits, canned juices, and frozen fruits are on a calendar-year basis. Canned dried fruits are on a pack-year basis. In the years 1941-47 fresh citrus fruits are on a crop-year basis, beginning in November of the preceding year.

<sup>2</sup> Excludes noncommercial apples beginning with 1934.

<sup>3</sup> Apples, avocados, bananas, cherries (including an estimate for noncommercial), cranberries, figs, grapes, peaches, pears, pineapples, plums and prunes (including an estimate for noncommercial), and strawberries (including an estimate for noncommercial).

<sup>4</sup> Apples, applesauce, apricots, berries, cherries (including brined), cranberries, figs, fruit cocktail and salad, grapefruit segments, olives (including brined), pineapple, plums, prunes, peaches, and pears.

<sup>5</sup> Apples, apricots, peaches, and pears.

<sup>6</sup> Apples, apricots, peaches, and pears.

<sup>7</sup> Apples, apricots, peaches, and pears.

<sup>8</sup> Apples, apricots, peaches, and pears.

<sup>9</sup> Apples, apricots, peaches, and pears.

<sup>10</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1909-28 in Agricultural Statistics, 1944, table 240.

<sup>6</sup> Dried packs of apples, apricots, Zante currants, dates, figs, peaches, pears, prunes, and raisins except for unmerchantable figs and substandard prunes. Data are in terms of processed dried weight.

<sup>7</sup> Principally cherries, apples, peaches, apricots, strawberries, and other berries.

<sup>8</sup> The per capita civilian consumption was obtained by dividing the total apparent civilian consumption by total population adjusted for underenumeration of children under 8 years of age, and for members of the armed forces not counted in the civilian population. The corresponding data on calories are as follows: 1942-1,667 and 12.9; 1944-1,296 and 9.3; 1945-1,923 and 14.8; 1946-2,970 and 21.3; 1947-2,621 and 18.3.

<sup>9</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1909-28 in Agricultural Statistics, 1944, table 240.



TABLE 280.—Fruits for processing: Season average price per unit received by growers, selected States, average 1935-39, annual 1943-47

Crop and State	Unit	Average 1935-39	1943	1944	1945	1946	1947 <sup>1</sup>
		Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
Apples for canning:							
New York.....	Ton.....	13.30	62.40	64.20	(?)	78.00	51.60
Pennsylvania, Maryland, Virginia.....	do.....	12.10	55.40	58.10	122.00	79.60	65.20
Washington, Oregon.....	do.....	3.18	55.00	57.80	61.40	53.60	24.20
United States.....	do.....	9.65	57.50	59.60	107.00	76.60	56.50
Apples for drying:							
New York.....	do.....	7.32	57.20	59.20	(?)	37.00	17.80
Virginia.....	do.....	* 6.30	45.80	30.80	(?)	33.30	(?)
West Virginia.....	do.....	* 7.63	42.90	40.00	(?)	57.10	35.40
Washington.....	do.....	3.22	43.10	40.40	54.20	29.00	11.30
California.....	do.....	7.50	56.30	54.20	62.50	43.80	11.70
Apricots for canning:							
Utah.....	do.....	25.00	96.00	88.00	80.00	80.00	65.00
Washington.....	do.....	30.20	150.00	89.50	105.00	84.00	69.00
California.....	do.....	35.20	102.00	92.00	110.00	97.00	73.00
United States.....	do.....	34.80	102.00	92.00	109.00	96.50	72.60
Apricots, dried: California.....	do.....	209.00	660.00	610.00	632.00	600.00	480.00
Cherries, sweet, for processing:							
Michigan.....	do.....	* 96.50	180.00	204.00	352.00	256.00	206.00
Washington.....	do.....	* 58.20	185.00	229.00	246.00	253.00	182.00
Oregon.....	do.....	* 60.50	187.00	245.00	243.00	258.00	195.00
California.....	do.....	109.00	215.00	254.00	267.00	291.00	236.00
Figs for canning:							
California.....	do.....	63.20	125.00	125.00	125.00	129.00	105.00
Texas.....	do.....	56.80	158.00	168.00	152.00	174.00	174.00
United States.....	do.....	62.00	126.00	127.00	128.00	133.00	109.00
Grapefruit:							
Florida.....	Box.....	* .20	1.33	1.72	1.20	.46	.18
Texas.....	do.....	* .23	1.37	1.25	1.05	.50	.25
Arizona.....	do.....	* .13	1.12	.99	.81	.15	.23
California.....	do.....	* .22	.73	.72	* .55	.12	.12
United States.....	do.....	* .18	1.32	1.49	1.12	.46	.20
Grapes for processing:							
New York (Concords only).....	Ton.....	* 37.00	85.00	86.00	130.00	150.00	115.00
Pennsylvania (Concords only).....	do.....	* 40.00	85.00	95.00	138.00	140.00	102.00
Michigan.....	do.....	42.00	77.20	88.80	136.00	139.00	83.00
Washington.....	do.....	* 32.00	47.60	58.50	61.80	81.60	65.30
California (all varieties):							
Canned.....	do.....	21.20	49.00	55.00	62.00	75.00	57.00
Dried.....	do.....	55.70	164.00	200.00	203.00	312.00	128.00
For wine and brandy.....	do.....	13.90	77.60	100.00	55.10	90.70	29.80
Lemons: California.....	Box.....	* .66	1.35	1.20	.75	.74	.75
Oranges (including tangerines):							
Florida.....	do.....	* .19	1.93	2.49	2.68	.73	.76
Texas.....	do.....	* .60			2.05	.85	.90
Arizona.....	do.....	* 1.20	1.06	1.15	1.43	.94	.61
California.....	do.....	* .25	2.02	1.62	2.03	.72	.55
United States.....	do.....	* .18	1.95	2.14	* 2.50	.73	.71
Peaches for canning:							
California.....	Ton.....	25.50	64.60	62.10	63.30	63.30	49.00
Clingstone.....	do.....	25.70	65.00	62.30	63.50	63.50	49.70
Freestone.....	do.....	21.40	55.00	55.00	57.00	59.00	40.00
Peaches, dried: California.....	do.....	125.00	434.00	451.00	498.00	333.00	195.00
Clingstone.....	do.....	107.00	335.00	340.00	285.00	282.00	156.00
Freestone.....	do.....	130.00	440.00	458.00	476.00	334.00	195.00
Pears, for canning:							
Bartlett:							
Washington.....	do.....	19.80	80.60	72.00	72.00	77.50	74.00
Oregon.....	do.....	23.70	87.20	84.10	80.00	94.00	82.40
California.....	do.....	23.40	64.00	80.00	72.00	100.00	73.00
Pacific Coast.....	do.....	21.60	70.00	77.20	72.00	91.70	74.00
Pears, dried:							
California, all.....	do.....	118.00	330.00	340.00	350.00	365.00	275.00
Bartlett.....	do.....	118.00	330.00	340.00	358.00	374.00	275.00
Other.....	do.....	* 99.00	300.00		242.00	267.00	
Plums, for canning: California.....	do.....	25.80	60.00	58.00	55.00	70.00	57.00
Strawberries:							
Washington.....	Pound.....	.057	.122	.158	.173	.267	.215
Oregon.....	do.....	.059	.130	.173	.173	.275	.172
Louisiana.....	do.....	.044	.147	.221	.262	.267	.216
United States.....	do.....	.057	.132	.182	.194	.271	.195

<sup>1</sup> Preliminary.<sup>2</sup> Quantity negligible.<sup>3</sup> None dried.<sup>4</sup> 1936-39 average.<sup>5</sup> Average for 1936, 1937, and 1939.

Bureau of Agricultural Economics.

<sup>6</sup> 1938-39 average.<sup>7</sup> 1937-39 average.<sup>8</sup> 1939 only.<sup>9</sup> Average for 1937 and 1939.<sup>10</sup> 1936 only.<sup>11</sup> Revised.



### Vegetables and Melons

This section includes statistics on potatoes, sweetpotatoes, and all crops commonly called commercial truck crops for both fresh market and processing.

Commercial truck crops, which are harvested in some sections of the country every month of the year, are for the most part extremely perishable and must be marketed quickly to avoid waste. Production estimates are made at frequent intervals to be of most use in providing a basis for orderly marketing. Such estimates also indicate aggregate supplies, as well as quantities of each crop that will be available during a given period.

The seasonal groupings of truck crops for fresh market, adopted in 1943, correspond to the four seasons of the year. The name of each group, shown below, indicates the period when heaviest supplies of each crop are usually available, so that it is relatively easy to interpret the reports in terms of total production of all commercial truck crops for a given period.

#### Seasonal Groupings on Basis of the Most Active Harvesting Period

Winter: January, February, and March.	Summer: July, August, and September.
Spring: April, May, and June.	Fall: October, November, and December.

#### Subgroups for Most Crops

Early winter: January and first half of February.	Early summer: July and first half of August.
Late winter: Second half of February and all of March.	Late summer: Second half of August and all of September.
Early spring: April and first half of May.	Early fall: October and first half of November.
Late spring: Second half of May and all of June.	Late fall: Second half of November and all of December.

#### Subgroups for Short-Season Crops

Early spring: April.	Early summer: July.
Midspring: May.	Midsummer: August.
Late spring: June.	Late summer: September.

The beginning and the ending of these seasons are not fixed dates but approximations, as there is necessarily some overlapping of the seasons outlined above.

The estimates of commercial truck crops for fresh market include only acreages of specified crops in important areas, which are generally recognized as growing these crops in substantial quantities for shipment to market. They do not include farm gardens or strictly local market areas. The acreages for fresh market are those for harvest. Acreages only partly harvested or not harvested at all because of low prices or other economic factors are included, but acreages lost or abandoned from natural causes are not included.

The estimates of truck crops for commercial processing include acreages grown under contract, acreages grown by processors, and equivalent acreages for tonnage procured through open-market purchases. Such equivalent acreages are not duplicated in the fresh-market estimates. The estimates of truck crops for processing include quantities procured for commercial canning, freezing, and other processing, exclusive of dehydration. Quantities procured for dehydration are included in the estimates of truck crops for fresh market.

## TRUCK CROP SUMMARY

229

TABLE 281.—*Truck crops, commercial: Acreage, production, and value, United States, 1929-47*

Year	Acreage			Production			Farm value		
	For fresh market <sup>1</sup>	For processing <sup>2</sup>	Total	For fresh market <sup>1</sup>	For processing <sup>2</sup>	Total	For fresh market <sup>1</sup>	For processing <sup>2</sup>	Total
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1929.....	1,381,710	1,181,410	2,563,120	6,057,100	3,033,500	9,090,600	242,470	64,599	307,069
1930.....	1,533,230	1,374,740	2,907,970	6,155,100	3,332,000	9,487,100	222,343	70,856	293,199
1931.....	1,571,900	1,117,390	2,689,290	5,945,100	2,380,100	8,325,200	188,632	42,145	230,777
1932.....	1,630,740	779,370	2,410,110	6,003,900	2,043,100	8,047,000	152,035	26,549	178,584
1933.....	1,536,560	894,260	2,430,850	5,333,000	1,962,800	7,315,800	155,521	30,117	185,638
1934.....	1,728,280	1,153,050	2,881,330	6,176,000	2,636,000	8,812,000	175,758	41,467	217,225
1935.....	1,695,850	1,454,350	3,150,200	5,986,300	3,352,300	9,338,600	188,110	55,509	243,619
1936.....	1,793,260	1,364,940	3,158,200	6,203,000	3,323,100	9,526,100	198,875	56,960	255,835
1937.....	1,710,340	1,562,470	3,272,810	6,294,900	3,835,600	10,130,500	212,855	70,388	283,243
1938.....	1,751,880	1,393,840	3,145,720	6,718,400	3,623,300	10,341,700	187,600	64,431	252,031
1939.....	1,769,940	1,153,430	2,923,370	6,723,300	3,410,000	10,133,300	212,971	55,665	268,636
1940.....	1,710,650	1,393,990	3,104,640	6,821,600	3,992,500	10,814,100	222,328	68,377	290,705
1941.....	1,681,750	1,664,370	3,346,120	6,537,300	5,135,900	11,673,200	277,547	96,588	374,135
1942.....	1,649,350	1,996,740	3,646,090	6,993,600	5,890,200	12,883,800	365,733	153,132	518,865
1943.....	1,572,690	1,958,020	3,530,710	6,674,600	5,108,200	11,782,800	555,667	180,443	736,110
1944.....	1,878,630	1,984,290	3,862,920	7,984,600	5,544,800	13,529,400	528,260	198,948	727,208
1945.....	1,892,510	1,943,360	3,835,870	8,345,000	5,388,200	13,733,200	622,852	202,521	825,373
1946.....	2,046,540	2,062,090	4,108,630	9,064,900	6,304,100	15,369,000	577,266	249,489	826,755
1947 <sup>3</sup> .....	1,843,960	1,850,250	3,694,210	7,978,100	5,470,900	13,449,000	606,860	209,125	815,985

<sup>1</sup> Artichokes, asparagus, lima beans, snap beans, beets, cabbage, cantaloups, carrots, cauliflower, celery, sweet corn, cucumbers, eggplant, escarole, Honey Ball melons, Honey Dew melons, kale, lettuce, onions, green peas, green peppers, shallots, spinach, tomatoes and watermelons. Shallots not included prior to 1937; sweet corn in two States 1929-35, three States 1939-46.

<sup>2</sup> Asparagus, lima beans, snap beans, beets, cabbage (sauerkraut), sweet corn, cucumbers (pickles), green peas, pimientos, spinach, and tomatoes. Production and value of lima beans and green peas are on a shelled basis.

<sup>3</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1918-28 acreage and value in Agricultural Statistics, 1942, table 415.

TABLE 282.—*Truck crops, commercial: Acreage, by States, average 1936-45, annual 1946 and 1947*

State and division	For fresh market <sup>1</sup>			For processing <sup>2</sup>			Total		
	Average 1936-45	1946	1947 <sup>3</sup>	Average 1936-45	1946	1947 <sup>3</sup>	Average 1936-45	1946	1947 <sup>3</sup>
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>
Maine.....	18,780	22,610	20,310	18,780	22,610	20,310	18,780	22,610	20,310
New Hampshire.....	480	410	390	480	410	390	480	410	390
Vermont.....	1,220	960	700	1,220	960	700	1,220	960	700
Massachusetts.....	3,880	2,950	2,600	750	950	840	4,630	3,900	3,440
Connecticut.....	340	260	290	340	260	290	340	260	290
New York.....	118,250	135,730	127,350	104,920	131,700	90,950	223,170	267,430	218,300
New Jersey.....	96,630	93,600	96,400	60,840	73,460	67,120	157,470	167,060	163,520
Pennsylvania.....	32,680	37,670	36,500	51,980	72,360	60,810	84,660	110,030	97,400
North Atlantic.....	251,430	269,950	262,940	239,310	302,710	241,410	490,740	572,660	504,350
Ohio.....	16,310	13,060	10,720	61,430	70,200	61,730	77,740	83,260	72,450
Indiana.....	22,860	24,090	24,200	157,640	153,240	153,000	180,500	177,330	177,200
Illinois.....	26,360	26,280	24,050	101,280	118,880	109,420	127,640	145,160	133,470
Michigan.....	36,960	41,400	38,400	59,730	83,640	67,530	96,660	125,040	105,930
Wisconsin.....	10,910	9,400	10,900	204,600	294,120	278,600	215,510	303,520	289,500
Minnesota.....	6,000	6,470	5,730	100,930	129,680	125,040	106,930	136,150	130,770
Iowa.....	4,910	3,620	3,470	51,250	52,980	42,120	56,160	56,600	45,590
Missouri.....	19,730	15,700	14,100	14,630	12,100	9,300	34,360	27,800	23,400
South Dakota.....	520	740	1,120	520	740	1,120	520	740	1,120
Nebraska.....	3,390	3,600	2,680	3,390	3,600	2,680	3,390	3,600	2,680
Kansas.....	900	1,790	860	920	1,460	1,350	1,820	3,250	2,210
North Central.....	144,950	141,810	132,430	756,320	920,640	851,890	901,270	1,062,450	984,320
Delaware.....	8,970	8,150	7,470	31,740	37,750	33,750	40,710	45,900	41,220
Maryland.....	32,040	33,120	32,600	129,500	115,980	108,200	161,540	149,100	140,800
Virginia.....	30,110	18,630	19,320	44,620	44,440	37,770	74,730	63,070	57,090
West Virginia.....	960	700	400	960	700	400	960	700	400
North Carolina.....	46,650	48,160	49,130	7,720	8,600	8,800	54,370	56,760	57,930
South Carolina.....	64,130	69,750	63,750	4,780	9,400	6,400	68,910	79,150	70,150
Georgia.....	82,660	84,950	82,250	17,950	23,700	23,000	100,610	108,650	105,250
Florida.....	167,530	221,650	195,650	10,810	13,800	10,650	178,340	235,450	205,700
South Atlantic.....	432,080	484,410	450,170	248,080	254,370	228,370	680,160	738,780	678,540
Kentucky.....	1,540	2,440	1,000	5,350	5,000	5,000	6,890	7,440	6,000
Tennessee.....	9,790	10,600	8,450	16,660	13,640	11,040	26,450	24,240	19,490
Alabama.....	15,680	22,300	18,400	1,750	2,650	2,100	17,430	24,950	20,500
Mississippi.....	27,270	21,500	17,800	7,300	5,800	7,200	34,570	27,300	25,000
Arkansas.....	13,360	16,200	17,150	29,390	38,750	30,950	42,650	54,950	48,100
Louisiana.....	37,230	38,100	34,150	4,050	4,420	3,660	41,290	42,520	37,810
Oklahoma.....	15,720	18,500	14,900	13,190	17,300	12,280	28,910	35,800	27,180
Texas.....	285,180	395,600	321,200	29,860	50,200	30,800	315,040	445,800	352,000
South Central.....	405,670	525,240	433,050	107,560	137,760	103,030	513,230	663,000	536,080
Montana.....	3,750	2,800	3,500	3,750	2,800	3,500	3,750	2,800	3,500
Idaho.....	11,230	13,000	10,400	5,360	15,800	17,500	16,590	28,800	27,900
Wyoming.....	960	1,350	1,220	960	1,350	1,220	960	1,350	1,220
Colorado.....	47,540	53,050	47,900	12,490	14,620	13,140	60,030	67,670	61,040
New Mexico.....	3,590	7,600	4,050	900	1,100	700	4,490	8,700	4,750
Arizona.....	54,760	91,790	84,350	70	100	100	54,830	91,890	84,450
Utah.....	4,510	4,320	2,970	24,010	25,060	24,550	28,520	29,380	27,520
Nevada.....	420	650	550	420	650	550	420	650	550
Washington.....	18,950	19,980	19,680	45,790	94,120	84,340	64,740	114,100	104,020
Oregon.....	13,210	19,910	16,620	37,900	78,500	75,000	51,110	98,410	91,620
California.....	352,950	414,840	378,850	159,020	213,160	205,500	511,970	628,000	584,350
Western.....	507,160	625,130	565,370	290,250	446,610	425,550	797,410	1,071,740	990,920
United States.....	1,741,300	2,046,540	1,843,960	1,641,520	2,062,090	1,850,250	3,382,820	4,108,630	3,694,210

<sup>1</sup> Artichokes, asparagus, lima beans, snap beans, cabbage, cantaloups, carrots, cauliflower, celery, sweet corn, cucumbers, eggplant, escarole, Honey Ball melons, Honey Dew melons, kale, lettuce, onions, green peas, green peppers, shallots, spinach, tomatoes, and watermelons.

<sup>2</sup> Asparagus, lima beans, snap beans, beets, cabbage (sauerkraut), sweet corn, cucumbers (pickles), green peas, pimientos, spinach, and tomatoes.

<sup>3</sup> Preliminary.

Bureau of Agricultural Economics.

## TRUCK CROP PRODUCTION

231

TABLE 283.—*Truck crops, commercial: Production, by States, average 1936-45, annual 1946 and 1947*

State and division	For fresh market <sup>1</sup>			For processing <sup>2</sup>			Total		
	Average 1936-45	1946	1947 <sup>3</sup>	Average 1936-45	1946	1947 <sup>3</sup>	Average 1936-45	1946	1947 <sup>3</sup>
	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons
Maine.....				53,200	54,950	45,800	53,200	55,000	45,900
New Hampshire.....				1,800	1,600	1,600	1,800	1,600	1,600
Vermont.....				3,440	2,140	1,660	3,400	2,100	1,700
Massachusetts.....	24,300	17,200	13,400	2,360	2,180	2,950	26,700	19,400	16,400
Connecticut.....				1,260	740	590	1,300	700	600
New York.....	708,800	961,700	615,900	356,340	493,310	237,840	1,065,100	1,455,000	853,700
New Jersey.....	298,200	300,800	301,500	227,190	273,920	332,040	525,400	574,700	633,500
Pennsylvania.....	150,200	177,500	159,900	176,330	161,690	227,950	326,500	339,200	387,800
North Atlantic.....	1,181,500	1,457,200	1,090,700	821,920	990,530	850,520	2,003,400	2,447,700	1,941,200
Ohio.....	116,900	102,500	73,200	229,760	350,980	173,460	346,700	453,500	246,700
Indiana.....	98,500	132,500	108,200	546,060	627,970	517,360	644,000	760,500	625,600
Illinois.....	100,300	107,700	90,800	231,280	313,820	212,280	331,600	421,500	303,100
Michigan.....	272,300	359,300	292,000	112,540	158,500	105,420	384,800	517,800	397,400
Wisconsin.....	94,400	90,600	97,100	335,510	527,190	479,760	429,900	617,800	576,800
Minnesota.....	50,600	76,600	54,000	213,370	273,060	215,860	264,000	349,700	269,800
Iowa.....	25,300	24,600	20,100	119,650	150,700	52,070	145,000	175,300	72,200
Missouri.....	62,100	51,100	39,600	34,710	36,910	12,170	96,800	88,000	51,800
South Dakota.....				1,050	1,910	2,390	1,000	1,900	2,400
Nebraska.....				6,170	9,440	3,360	6,100	9,400	3,400
Kansas.....	2,700	8,400	4,700	950	2,070	650	3,600	10,500	5,300
North Central.....	823,000	953,300	779,700	1,830,980	2,452,550	1,774,800	2,654,000	3,405,900	2,554,500
Delaware.....	31,800	30,900	27,200	65,740	70,850	82,650	97,500	101,800	109,800
Maryland.....	99,400	110,700	112,500	361,640	276,540	347,000	461,000	387,200	459,500
Virginia.....	86,800	63,600	61,300	113,170	110,710	126,720	200,000	174,300	188,000
West Virginia.....				3,510	2,520	2,000	3,500	2,500	2,000
North Carolina.....	113,500	135,000	122,800	14,260	14,340	18,060	127,800	149,300	140,900
South Carolina.....	130,300	163,600	151,500	6,760	16,060	9,700	137,100	179,700	161,200
Georgia.....	223,100	256,500	265,200	19,880	33,110	25,380	243,000	289,600	290,600
Florida.....	565,100	848,500	650,200	21,920	26,200	18,080	587,000	874,700	668,300
South Atlantic.....	1,250,000	1,608,800	1,390,700	606,880	550,330	629,590	1,856,900	2,159,100	2,020,300
Kentucky.....	5,400	16,500	4,400	12,870	13,660	12,080	18,300	30,200	16,500
Tennessee.....	36,400	62,000	40,700	32,280	28,720	19,190	68,700	90,700	59,900
Alabama.....	50,200	45,900	46,200	2,560	2,420	3,670	52,800	48,300	49,900
Mississippi.....	79,600	61,200	42,900	8,710	6,950	9,600	88,300	68,200	52,500
Arkansas.....	31,400	39,500	37,000	54,200	87,700	43,230	85,600	127,200	80,200
Louisiana.....	79,200	87,700	82,200	4,970	3,690	3,690	84,200	91,700	85,800
Oklahoma.....	38,600	45,800	33,300	19,500	28,730	15,320	58,100	74,500	48,600
Texas.....	632,400	877,000	812,100	58,750	122,440	60,600	691,200	999,400	872,700
South Central.....	953,200	1,235,600	1,098,800	193,840	294,600	167,380	1,147,000	1,530,200	1,266,200
Montana.....				6,600	3,750	3,780	6,600	3,800	3,800
Idaho.....	71,700	98,500	75,400	14,060	38,600	42,310	85,800	137,100	117,700
Wyoming.....				1,690	2,810	1,880	1,700	2,800	1,900
Colorado.....	264,600	363,800	337,700	44,810	55,400	59,050	309,400	419,200	396,700
New Mexico.....	18,000	40,300	22,100	4,270	3,600	1,280	22,500	43,300	23,400
Arizona.....	231,500	468,200	504,100	280	880	410	281,800	468,800	504,500
Utah.....	35,400	50,800	40,300	92,270	98,650	112,360	127,700	149,400	152,900
Nevada.....	3,600	10,500	8,200				3,600	10,500	8,200
Washington.....	120,000	142,600	144,200	80,460	169,500	139,150	200,500	312,100	283,300
Oregon.....	104,500	172,200	151,300	82,150	144,660	147,900	186,600	316,900	299,200
California.....	1,826,400	2,463,100	2,334,900	741,890	1,499,100	1,540,290	2,568,300	3,962,200	3,875,200
Western.....	2,725,600	3,810,000	3,618,200	1,068,460	2,016,050	2,048,640	3,794,100	5,826,100	5,666,800
United States.....	6,933,300	9,064,900	7,978,100	4,522,080	6,304,060	5,470,930	11,455,400	15,369,000	13,440,000

<sup>1</sup> Artichokes, asparagus, lima beans, snap beans, beets, cabbage, cantaloups, carrots, cauliflower, celery, sweet corn, cucumbers, eggplant, escarole, Honey Ball melons, Honey Dew melons, kale, lettuce, onions, green peas, green peppers, shallots, spinach, tomatoes, and watermelons.

<sup>2</sup> Asparagus, lima beans (shelled basis), snap beans, beets, cabbage (sauerkraut), sweet corn, cucumbers (pickles), green peas (shelled basis), pimientos, spinach, and tomatoes.

<sup>3</sup> Preliminary.

Bureau of Agricultural Economics.

TABLE 284.—*Truck crops, commercial: Farm value, by States, average 1936-45, annual 1946 and 1947*

State and division	For fresh market <sup>1</sup>			For processing <sup>2</sup>			Total		
	Average 1936-45	1946	1947 <sup>3</sup>	Average 1936-45	1946	1947 <sup>3</sup>	Average 1936-45	1946	1947 <sup>3</sup>
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Maine.....	-----	-----	-----	1,472	2,367	2,074	1,472	2,367	2,074
New Hampshire.....	-----	-----	-----	34	44	49	34	44	49
Vermont.....	-----	-----	-----	69	73	64	69	73	64
Massachusetts.....	1,074	977	1,426	91	136	160	1,165	1,113	1,586
Connecticut.....	-----	-----	-----	36	33	39	36	33	39
New York.....	26,237	41,343	43,424	8,331	18,416	9,076	37,568	59,759	52,500
New Jersey.....	17,116	28,034	24,534	7,077	16,509	14,867	24,193	44,543	39,431
Pennsylvania.....	6,692	10,599	10,110	4,508	7,455	8,655	11,200	18,054	18,765
North Atlantic.....	54,119	80,953	79,494	21,618	45,033	34,984	75,737	125,986	114,478
Ohio.....	5,510	6,517	6,497	3,709	8,710	4,213	9,219	15,227	10,710
Indiana.....	3,359	4,771	6,594	9,459	17,746	13,257	12,818	22,517	19,851
Illinois.....	3,674	5,019	6,523	4,783	9,738	7,738	8,437	14,757	14,261
Michigan.....	12,003	15,626	23,040	3,549	8,643	5,732	15,552	24,269	28,772
Wisconsin.....	1,627	1,951	4,162	10,986	22,285	20,993	12,613	24,236	25,155
Minnesota.....	1,375	1,865	4,014	3,861	7,795	7,217	5,236	9,660	11,231
Iowa.....	697	824	1,367	1,769	3,471	1,267	2,466	4,295	2,634
Missouri.....	1,626	2,777	2,566	693	1,433	379	2,319	4,210	2,945
South Dakota.....	-----	-----	-----	15	37	47	15	37	47
Nebraska.....	-----	-----	-----	100	256	80	100	256	80
Kansas.....	145	562	405	44	112	39	189	674	444
North Central.....	30,016	39,912	55,168	38,948	80,226	60,962	68,964	120,138	116,130
Delaware.....	909	1,279	1,289	2,007	4,115	3,448	2,916	5,394	4,737
Maryland.....	4,035	7,445	7,106	8,621	11,965	10,890	12,656	19,410	17,996
Virginia.....	3,301	3,337	4,667	2,841	4,558	4,278	6,142	7,895	8,945
West Virginia.....	-----	-----	-----	61	61	61	61	76	61
North Carolina.....	4,035	7,657	6,647	485	770	935	4,520	8,427	7,582
South Carolina.....	5,069	8,125	5,671	230	785	368	5,299	8,910	6,039
Georgia.....	5,445	11,883	8,068	767	2,039	1,503	6,212	13,922	9,601
Florida.....	44,520	86,313	63,766	1,115	2,264	1,288	45,635	88,577	70,054
South Atlantic.....	67,314	126,039	102,244	16,127	26,572	22,771	83,441	152,611	125,015
Kentucky.....	262	1,537	364	232	416	379	494	1,953	743
Tennessee.....	1,625	1,711	1,857	824	1,342	912	2,449	3,053	2,769
Alabama.....	1,870	2,763	2,875	63	77	137	1,933	2,840	3,012
Mississippi.....	2,432	2,656	4,089	238	454	600	2,670	3,110	4,689
Arkansas.....	1,147	3,003	2,228	2,050	4,978	1,925	3,197	7,981	4,153
Louisiana.....	3,770	6,698	4,742	190	280	206	3,960	6,978	4,948
Oklahoma.....	878	1,359	1,042	1,037	1,584	777	1,915	2,943	1,819
Texas.....	23,926	47,031	43,277	1,469	4,059	2,504	25,395	51,090	45,781
South Central.....	35,910	66,758	60,474	6,103	13,190	7,440	42,013	79,948	67,914
Montana.....	-----	-----	-----	210	200	245	210	200	245
Idaho.....	2,007	2,015	2,891	385	1,319	1,852	2,392	3,334	4,743
Wyoming.....	-----	-----	-----	55	125	71	55	125	71
Colorado.....	9,742	11,867	20,022	1,041	2,042	2,140	10,683	13,909	22,162
New Mexico.....	864	2,378	1,731	80	136	93	944	2,414	1,824
Arizona.....	16,924	36,082	39,477	11	31	22	16,935	36,113	39,499
Utah.....	1,144	2,110	3,449	2,454	3,430	4,032	3,598	5,540	7,481
Nevada.....	136	359	660	-----	-----	-----	136	359	660
Washington.....	5,040	7,526	8,710	4,052	11,880	10,354	9,092	19,415	19,064
Oregon.....	4,176	7,217	8,346	4,163	9,712	10,768	8,339	16,929	19,114
California.....	111,385	194,150	224,194	19,696	55,584	53,391	131,081	249,734	277,585
Western.....	151,318	263,604	309,480	32,147	84,468	82,968	183,465	348,072	392,448
United States.....	338,677	577,266	606,860	114,943	249,489	209,125	453,620	826,755	815,985

<sup>1</sup> Artichokes, asparagus, lima beans, snap beans, beets, cabbage, cantaloups, carrots, cauliflower, celery, sweet corn, cucumbers, eggplant, escarole, Honey Ball melons, Honey Dew melons, kale, lettuce, onions, green peas, green peppers, shallots, spinach, tomatoes, and watermelons.

<sup>2</sup> Asparagus, lima beans, snap beans, beets, cabbage, (sauerkraut), sweet corn, cucumbers (pickles), green peas, pimientos, spinach, and tomatoes.

<sup>3</sup> Preliminary.

Bureau of Agricultural Economics.

TABLE 285.—*Artichokes, globe, commercial crop: Acreage, yield, production, season average price per box received by farmers, and value, California, 1929-47*

Year	Acreage harvested	Yield per acre	Production	Price	Farm value	Year	Acreage harvested	Yield per acre	Production	Price	Farm value
	<i>Acres</i>	<i>Boxes<sup>1</sup></i>	<i>1,000 boxes<sup>1</sup></i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>Boxes<sup>1</sup></i>	<i>1,000 boxes<sup>1</sup></i>	<i>Dollars</i>	<i>1,000 dollars</i>
1929.....	8,900	111	988	2.36	2,332	1939.....	10,200	110	1,122	1.80	2,020
1930.....	8,150	124	1,011	2.10	2,123	1940.....	10,600	80	848	1.70	1,442
1931.....	7,500	109	818	1.70	1,391	1941.....	10,000	70	700	2.10	1,470
1932.....	6,330	90	570	2.10	1,197	1942.....	9,600	90	864	1.80	1,555
1933.....	6,350	117	743	1.24	921	1943.....	8,700	95	826	2.80	2,313
1934.....	8,350	127	1,060	1.00	1,060	1944.....	6,600	115	759	3.30	2,505
1935.....	9,000	113	1,017	1.70	1,729	1945.....	6,500	105	682	3.35	2,285
1936.....	9,100	95	864	2.00	1,728	1946.....	7,000	100	700	3.75	2,625
1937.....	10,100	80	808	1.60	1,283	1947 <sup>2</sup> .....	7,250	105	761	3.00	2,283
1938.....	9,700	90	873	2.15	1,877						

<sup>1</sup> Equivalent boxes (approximately 40 pounds).<sup>2</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1925-28 in Agricultural Statistics, 1942, table 333.

TABLE 286.—*Asparagus, commercial crop: Acreage, yield, production, season average price per crate and per ton received by farmers, and value, United States, 1929-47*

Year	For fresh market <sup>1</sup>					For processing <sup>2</sup>				
	Acreage harvested	Yield per acre	Production	Price	Farm value	Acreage harvested	Yield per acre	Production	Price	Farm value
	<i>Acres</i>	<i>Crates<sup>3</sup></i>	<i>1,000 crates<sup>3</sup></i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1929.....	50,320	64	3,221	2.81	9,067	42,540	1.57	66,790	82.00	5,477
1930.....	55,750	72	4,001	2.67	10,674	41,960	1.59	66,760	81.00	5,408
1931.....	65,710	67	4,378	2.18	9,333	37,400	1.17	43,760	75.00	3,282
1932.....	79,430	63	5,036	1.56	7,960	32,100	1.10	35,310	51.00	1,801
1933.....	69,640	67	4,634	1.38	6,382	48,790	1.11	54,160	46.00	2,491
1934.....	73,540	72	5,279	1.37	7,236	42,410	1.18	50,040	67.00	3,353
1935.....	64,550	70	4,489	1.56	6,994	48,500	1.17	56,740	76.00	4,312
1936.....	68,060	78	5,299	1.65	8,757	42,220	1.40	59,110	79.00	4,670
1937.....	67,170	78	5,242	1.78	9,333	43,750	1.17	51,190	90.95	4,656
1938.....	68,330	74	5,067	1.77	8,970	47,510	.94	44,660	71.10	3,175
1939.....	60,010	73	4,391	1.70	7,449	64,990	1.03	66,990	76.80	5,145
1940.....	67,080	77	5,190	1.87	9,696	65,970	1.17	77,110	89.34	6,889
1941.....	70,670	75	5,267	2.10	11,066	63,260	1.14	72,330	100.73	7,286
1942.....	38,880	80	4,721	2.29	10,808	77,150	1.22	94,070	115.57	10,872
1943.....	61,110	80	4,908	3.29	16,167	72,640	1.21	87,530	144.32	12,632
1944.....	53,900	83	4,479	3.45	15,440	78,470	1.29	101,380	149.30	15,136
1945.....	43,680	83	3,645	4.19	15,287	83,330	1.23	102,340	163.19	16,701
1946.....	41,940	98	4,092	3.86	15,789	82,040	1.46	119,970	179.27	21,507
1947 <sup>4</sup> .....	49,440	90	4,431	3.74	16,584	73,900	1.39	102,510	143.91	14,752

<sup>1</sup> Includes quantities used for processing in States other than California from 1929 to 1938.<sup>2</sup> California only from 1929 to 1938. Additional States included, beginning with 1939.<sup>3</sup> Equivalent crates (approximately 30 pounds).<sup>4</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1918-28 in Agricultural Statistics, 1942, table 334; production of fresh market crop in 24-pound crates.



TABLE 287.—*Asparagus, commercial crop: Acreage, production, and season average price per crate and per ton received by farmers, by States, average 1939-45, annual 1946 and 1947*

Utilization, group, and State	Acreage			Production			Price for crop of—		
	Average 1939-45	1946	1947 <sup>1</sup>	Average 1939-45	1946	1947 <sup>1</sup>	Average 1939-45	1946	1947 <sup>1</sup>
<b>For fresh market:</b>									
Early spring:	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 crates<sup>2</sup></i>	<i>1,000 crates<sup>2</sup></i>	<i>1,000 crates<sup>2</sup></i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
California.....	27,070	16,640	23,020	1,973	1,631	2,072	2.69	4.10	4.00
Arizona.....	160			9			2.89		
Oregon.....	560	550	600	49	58	43	2.40	3.90	3.75
Washington.....	3,400	2,500	2,700	486	420	405	2.11	2.45	2.40
Georgia.....	1,210			23			2.26		
South Carolina.....	7,110	4,300	3,500	223	150	105	2.70	4.70	3.40
Total or average....	39,510	23,900	29,820	2,783	2,259	2,625	2.60	3.83	3.72
<b>Late spring:</b>									
Maryland.....	1,690	1,250	1,250	161	125	119	2.59	3.30	3.70
Delaware.....	690	400	450	60	37	38	2.35	3.05	3.55
New Jersey.....	10,010	9,600	11,000	1,107	1,152	1,144	2.72	3.80	3.55
Pennsylvania.....	2,160	2,240	2,240	187	190	157	3.36	4.95	4.10
Massachusetts.....	1,810	1,750	1,700	119	108	109	3.65	5.00	4.85
Michigan.....	1,030	700	700	92	56	63	2.88	4.30	3.75
Illinois.....	2,270	1,880	2,100	159	156	168	2.49	3.15	4.35
Iowa.....	160	130	180	11	9	8	2.59	3.00	3.77
Total or average....	19,820	17,950	19,620	1,894	1,833	1,806	2.81	3.90	3.77
United States.....	59,330	41,940	49,440	4,657	4,092	4,431	2.70	3.86	3.74
<b>For processing:</b>				<i>Tons</i>	<i>Tons</i>	<i>Tons</i>			
New Jersey.....	9,970	13,400	13,000	16,740	24,120	21,450	114.60	185.80	141.00
Illinois.....	5,300	6,300	6,000	6,190	8,500	9,900	130.00	159.90	159.30
Michigan.....	2,680	4,500	4,500	3,570	5,400	6,750	125.00	161.60	153.00
Iowa.....	630	850	750	600	890	940	108.60	145.40	135.00
Maryland.....	510	750	750	730	1,120	1,050	107.90	175.00	169.80
Delaware.....	850	1,350	1,350	1,100	1,890	1,690	97.90	165.00	155.60
Washington.....	4,790	6,900	6,700	6,860	12,400	11,390	115.60	175.00	139.00
Oregon.....	200	250	100	260	400	100	118.60	175.00	105.00
California.....	46,110	46,900	40,030	48,010	64,250	48,840	122.50	183.00	141.20
Other States <sup>3</sup> .....	1,200	840	810	1,010	1,000	400	115.60	159.00	152.50
Total or average....	72,240	82,040	73,990	85,960	119,970	102,510	119.89	179.27	143.91
Grand total.....	131,570	123,980	123,430	155,860	181,370	169,010	* 147.45	* 205.63	* 185.41

<sup>1</sup> Preliminary.<sup>2</sup> Equivalent crates (approximately 30 pounds).<sup>3</sup> Indiana, Minnesota, New York, Ohio, Pennsylvania, South Carolina, Utah, and Wisconsin.<sup>4</sup> Derived price per ton.

Bureau of Agricultural Economics.



TABLE 288.—Beans, green lima, commercial crop: Acreage, production, and season average price per bushel and per ton received by farmers, by States, average 1936-45, annual 1946 and 1947

Utilization, group, and State	Acreage			Production			Price for crop of—		
	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>
For fresh market:	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 bushels<sup>2</sup></i>	<i>1,000 bushels<sup>2</sup></i>	<i>1,000 bushels<sup>2</sup></i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Winter: Florida.....	2,000	2,400	1,200	110	204	102	3.08	4.40	4.50
Spring:									
Florida.....	2,690	3,900	3,700	198	351	240	2.18	2.60	2.85
Georgia.....	2,240	1,400	1,400	120	92	84	1.67	2.30	2.95
South Carolina.....	3,030	1,700	1,400	142	110	70	1.79	2.90	2.30
Total or average	7,960	7,000	6,500	460	553	394	1.94	2.61	2.77
Summer:									
North Carolina.....	1,220	250	300	60	15	18	1.96	4.00	3.10
Virginia.....	180			8			1.37		
Maryland.....	1,300	1,300	1,300	92	98	104	1.78	3.65	1.75
New Jersey.....	3,300	2,600	2,400	259	221	240	1.85	3.50	2.10
New York.....	3,420	3,250	4,000	306	406	580	2.03	3.30	1.95
Total or average	9,420	7,400	8,000	725	740	912	1.88	3.42	1.99
Fall:									
Virginia.....	760	500	600	37	52	51	1.84	1.95	2.65
United States.....	20,130	17,300	16,300	1,331	1,549	1,489	1.99	3.21	2.39
For processing:				<i>Tons<sup>4</sup></i>	<i>Tons<sup>4</sup></i>	<i>Tons<sup>4</sup></i>			
New York.....	700	810	1,000	330	380	550	77.50	121.90	144.90
New Jersey.....	11,640	12,800	13,000	5,190	8,770	6,630	106.40	158.80	155.00
Pennsylvania.....	1,200	3,800	4,400	570	1,940	2,350	91.30	144.60	134.30
Ohio.....	1,040	1,000	810	400	370	320	60.90	102.60	102.50
Michigan.....	2,620	3,320	2,160	1,340	1,560	490	67.50	110.50	129.30
Wisconsin.....	2,120	3,800	4,800	1,230	3,230	2,400	74.20	120.20	120.90
Delaware.....	11,020	12,800	13,900	6,390	8,770	9,730	70.60	111.80	111.10
Maryland.....	3,250	2,800	3,700	1,740	1,510	1,910	70.50	107.80	117.00
Virginia.....	5,320	2,700	3,000	2,890	1,460	1,280	69.60	96.00	101.50
Utah.....	920	250	100	620	150	70	84.40	105.00	105.00
Washington.....	340	350	700	220	230	630	65.60	131.50	118.40
California.....	2,680	7,090	14,280	2,190	8,190	16,490	122.50	145.90	173.80
Other States <sup>5</sup> .....	10,500	14,860	13,760	5,880	8,020	5,750	76.62	103.99	113.39
Total or average.....	53,080	67,280	75,610	29,490	44,610	48,900	82.99	129.90	140.84
Grand total.....	73,210	84,580	91,910	40,080	57,000	60,810	126.97	183.98	171.54

<sup>1</sup> Preliminary.

<sup>2</sup> Approximately 32 pounds, in the shell.

<sup>3</sup> Includes some quantities not harvested.

<sup>4</sup> Shelled basis: 2 pounds of lima beans in the shell produce approximately 1 pound of shelled beans.

<sup>5</sup> Average 1937-45.

<sup>6</sup> Arkansas, Colorado, Georgia, Idaho, Illinois, Indiana, Iowa, Kansas, Louisiana, Minnesota, North Carolina, Oklahoma, Oregon, and Tennessee.

<sup>7</sup> Derived price per ton on shelled basis.

Bureau of Agricultural Economics.

TABLE 289.—*Beans, green lima, commercial crop: Acreage, yield, production, season average price per bushel and per ton received by farmers, and value, United States, 1929-47*

Year	For fresh market					For processing				
	Acreage harvested	Yield per acre	Production <sup>1</sup>	Price	Farm value	Acreage harvested	Yield per acre	Production	Price	Farm value
	<i>Acres</i>	<i>Bushels<sup>2</sup></i>	<i>1,000 bushels<sup>3</sup></i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Acres</i>	<i>Pounds<sup>3</sup></i>	<i>Tons<sup>4</sup></i>	<i>Dollars</i>	<i>1,000 dollars</i>
1929	6,650	77	510	1.79	913	24,570	1,018	12,510	85.29	1,067
1930	13,300	62	818	1.61	1,318	30,980	838	12,980	86.59	1,124
1931	13,880	60	951	1.59	1,515	28,760	1,065	15,310	77.14	1,181
1932	15,320	73	1,115	1.07	1,195	17,880	1,084	9,690	55.83	541
1933	14,950	51	756	1.07	807	16,430	1,079	8,860	56.66	502
1934	15,900	54	864	1.26	1,080	24,550	1,422	17,450	58.57	1,022
1935	14,000	65	910	1.42	1,291	27,460	1,141	15,660	61.88	969
1936	15,800	75	1,178	1.26	1,486	32,740	1,230	20,140	61.02	1,239
1937	17,950	56	998	1.92	1,921	43,400	1,070	23,220	66.06	1,534
1938	21,450	58	1,246	1.53	1,660	52,970	1,085	28,760	64.88	1,864
1939	23,100	70	1,627	1.30	2,110	49,440	1,205	29,790	64.22	1,913
1940	22,300	64	1,426	1.38	1,969	46,520	1,124	26,140	70.35	1,839
1941	25,050	61	1,531	1.51	2,312	62,650	1,216	38,090	71.25	2,714
1942	22,380	70	1,574	1.82	2,863	66,080	1,145	37,830	84.59	3,200
1943	19,150	63	1,206	2.69	3,240	60,810	900	27,360	104.93	2,871
1944	17,380	65	1,137	3.03	3,441	58,410	1,034	30,200	124.11	3,748
1945	16,750	83	1,391	3.65	5,027	57,800	1,153	33,330	118.93	3,964
1946	17,300	90	1,549	3.21	4,697	67,280	1,326	44,610	126.90	5,661
1947 <sup>5</sup>	16,300	91	1,489	2.39	3,529	75,610	1,293	48,900	140.84	6,887

<sup>1</sup> Includes the following quantities not harvested and excluded in computing value: 14,000 bushels in 1945, 87,000 in 1946, and 11,000 in 1947.

<sup>2</sup> Approximately 32 pounds, in the shell.

<sup>3</sup> Shelled basis. Two pounds of lima beans in the shell produce approximately one pound of shelled beans.

<sup>4</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1924-28 in Agricultural Statistics, 1942, table 336.

TABLE 290.—*Beans, snap, commercial crop: Acreage, yield, production, season average price per bushel and per ton received by farmers, and value, United States, 1929-47*

Year	For fresh market					For processing				
	Acreage harvested	Yield per acre	Production <sup>1</sup>	Price	Farm value	Acreage harvested	Yield per acre	Production	Price	Farm value
	<i>Acres</i>	<i>Bushels<sup>2</sup></i>	<i>1,000 bushels<sup>3</sup></i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1929	110,630	93	10,246	1.57	16,036	65,040	1.42	92,300	62.73	5,790
1930	127,330	88	11,210	1.37	14,866	78,690	1.15	90,400	62.15	5,618
1931	127,490	93	11,856	1.20	14,018	52,710	1.30	68,700	52.98	3,640
1932	135,410	88	11,968	.95	10,687	31,460	1.40	43,900	37.97	1,667
1933	154,020	89	13,650	.85	11,007	40,770	1.48	60,200	38.59	2,323
1934	177,020	84	14,918	.90	12,758	45,100	1.47	66,100	41.41	2,737
1935	175,280	80	14,045	1.02	14,230	49,690	1.64	81,500	43.06	3,509
1936	177,750	75	13,316	1.16	15,436	50,180	1.52	76,500	44.46	3,401
1937	157,900	78	12,247	1.34	16,407	63,720	1.68	107,000	47.94	5,130
1938	182,270	90	16,423	.82	13,157	73,570	1.75	128,400	44.84	5,758
1939	172,570	94	16,289	1.00	16,314	52,910	1.78	94,100	42.27	3,978
1940	163,450	102	16,728	1.09	18,033	62,000	1.84	114,220	42.93	4,904
1941	167,510	88	14,738	1.50	22,110	87,800	1.64	144,320	53.40	7,707
1942	159,560	102	16,326	1.69	27,257	135,290	1.73	233,560	74.88	17,485
1943	193,250	96	18,539	2.25	41,618	161,370	1.63	262,300	93.69	24,574
1944	198,600	83	16,506	2.31	37,904	154,400	1.46	225,700	97.24	21,948
1945	180,180	97	17,442	2.59	42,797	131,010	1.69	221,500	104.23	23,087
1946	183,030	103	18,882	2.40	43,014	122,760	1.69	207,400	117.76	23,424
1947 <sup>5</sup>	175,380	97	17,006	2.17	32,749	101,780	1.63	166,000	100.93	16,755

<sup>1</sup> Includes the following quantities not harvested and excluded in computing value: 382,000 bushels in 1930, 192,000 in 1931, 742,000 in 1932, 686,000 in 1933, 740,000 in 1934, 159,000 in 1935, 374,000 in 1936, 42,000 in 1939, 113,000 in 1940, 163,000 in 1942, 76,000 in 1943, 98,000 in 1944; 900,000 in 1946, 944,000 in 1946, and 1,938,000 in 1947.

<sup>2</sup> Approximately 30 pounds.

<sup>3</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1918-28 in Agricultural Statistics, 1942, table 338.

TABLE 291.—Beans, snap, commercial crop: Acreage, production, and season average price per bushel and per ton received by farmers, by States, average 1936-45, annual 1946 and 1947

Utilization, group, and State	Acreage			Production			Price for crop of—		
	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>
For fresh market:	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 bushels<sup>2</sup></i>	<i>1,000 bushels<sup>2</sup></i>	<i>1,000 bushels<sup>2</sup></i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Winter: Florida.....	27,870	35,700	25,500	<sup>3</sup> 2,101	<sup>3</sup> 3,856	<sup>3</sup> 2,168	2.14	2.70	2.75
Early spring:									
Texas.....	4,670	5,900	5,200	295	442	328	1.54	2.30	2.20
Florida.....	17,340	15,800	26,700	<sup>3</sup> 1,608	<sup>3</sup> 1,550	<sup>3</sup> 2,002	1.79	2.75	2.60
Total or average.....	22,010	21,700	31,900	1,903	2,022	2,330	1.73	2.64	2.53
Midspring:									
California.....	6,080	4,350	5,000	825	674	850	1.88	2.00	2.70
Louisiana.....	7,960	7,200	5,400	<sup>3</sup> 500	382	281	1.48	2.10	2.30
Mississippi.....	3,950	2,000	3,000	<sup>3</sup> 260	234	300	1.26	2.15	2.00
Alabama.....	1,320	1,800	1,600	90	135	112	1.36	1.80	2.15
Georgia.....	4,320	3,300	3,000	<sup>3</sup> 244	248	165	1.36	1.90	1.65
South Carolina.....	6,850	6,000	5,700	373	570	<sup>3</sup> 399	1.39	1.75	1.50
Total or average.....	30,480	25,250	23,700	2,302	2,243	2,107	1.55	1.95	2.22
Late spring:									
North Carolina.....	7,030	4,400	5,100	<sup>3</sup> 403	396	<sup>3</sup> 434	1.30	1.90	1.55
Arkansas.....	1,880	2,000	2,400	112	120	<sup>3</sup> 156	1.12	1.95	1.30
Tennessee.....	500			32			1.22		
Virginia.....	3,400	2,500	2,600	216	190	187	1.13	1.95	1.50
Total or average.....	12,900	8,900	10,100	763	706	777	1.19	1.92	1.48
Early summer:									
Maryland.....	4,080	4,400	4,400	315	374	<sup>3</sup> 418	1.36	2.35	1.75
Delaware.....	130	150	150	11	13	15	1.36	2.20	1.40
New Jersey.....	6,330	4,000	4,700	680	480	517	1.28	2.35	1.85
New York.....	1,560	2,400	2,600	239	384	<sup>3</sup> 455	1.76	2.35	1.55
Pennsylvania.....	3,320	3,600	3,700	<sup>3</sup> 500	504	<sup>3</sup> 629	1.36	2.60	1.70
Illinois.....	2,670	2,400	2,000	224	168	160	1.50	2.50	2.35
Total or average.....	18,090	16,950	17,550	1,969	1,923	2,194	1.37	2.43	1.78
Late summer:									
Alabama.....	<sup>4</sup> 2,140	3,000	2,200	<sup>4</sup> 161	210	132	<sup>4</sup> 1.82	2.20	2.60
Georgia.....	<sup>5</sup> 2,140	2,000	2,000	<sup>5</sup> 198	210	208	<sup>5</sup> 1.28	2.00	1.60
North Carolina.....	<sup>5</sup> 5,020	6,400	7,680	<sup>5</sup> 474	704	<sup>5</sup> 922	<sup>5</sup> 1.15	2.00	1.20
Virginia.....	<sup>5</sup> 1,110	400	700	<sup>5</sup> 86	44	<sup>5</sup> 77	<sup>5</sup> 1.06	1.50	1.15
New York.....	9,190	13,600	13,600	<sup>1</sup> 1,297	2,094	<sup>2</sup> 2,312	1.51	2.50	1.75
Michigan.....	2,680	3,300	3,600	222	231	<sup>3</sup> 288	1.58	2.65	2.85
Colorado.....	1,860	900	800	272	144	104	1.26	2.05	2.40
Tennessee.....	1,250	1,200	1,150	142	168	<sup>3</sup> 168	1.10	2.00	1.15
Total or average.....	23,100	30,800	31,730	2,651	3,805	4,211	1.38	2.32	1.71
Early fall:									
New Jersey.....	4,570	3,600	3,700	410	306	278	1.19	1.80	2.10
Maryland.....	1,020	1,300	1,000	71	98	70	1.24	1.95	2.10
Virginia.....	4,740	3,000	3,800	335	315	455	1.22	1.60	2.70
North Carolina.....	840	1,380	900	50	<sup>3</sup> 80	22	1.09	1.40	1.40
South Carolina.....	2,380	4,300	3,500	183	<sup>3</sup> 405	158	1.42	1.75	2.00
Mississippi.....	1,070	1,400	1,700	51	63	60	1.35	2.55	2.95
Louisiana.....	3,540	2,900	2,200	220	261	99	1.58	2.40	2.45
California.....	3,780	3,400	3,400	693	629	680	1.78	2.85	2.50
Total or average.....	21,940	21,430	20,200	2,012	2,157	1,823	1.45	2.17	2.43
Late fall:									
Florida.....	16,530	20,400	12,700	<sup>3</sup> 2,030	2,060	1,270	1.75	2.75	2.60
Texas.....	2,390	1,900	2,000	125	110	126	1.49	1.80	2.20
Total or average.....	18,920	22,300	14,700	2,154	2,170	1,396	1.73	2.70	2.56
United States.....	175,300	183,030	175,380	15,855	18,882	17,006	1.58	2.40	2.17

See footnotes at end of table.

TABLE 291.—*Beans, snap, commercial crop: Acreage, production, and season average price per bushel and per ton received by farmers, by States, average 1936-45, annual 1946 and 1947—Continued*

Utilization, group, and State	Acreage			Production			Price for crop of—		
	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>
For processing:	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Maine.....	1,930	3,150	2,250	4,600	6,600	5,600	59.40	97.00	98.00
New York.....	11,330	21,900	19,000	19,200	37,200	26,600	74.40	126.30	106.70
New Jersey.....	2,180	3,300	2,000	2,700	5,600	2,600	73.80	130.00	110.50
Pennsylvania.....	3,550	3,200	3,300	5,600	6,100	7,600	57.90	107.90	96.80
Indiana.....	1,480	200	100	1,400	100	100	57.70	90.00	90.00
Michigan.....	6,420	7,900	6,200	8,500	7,900	3,700	59.40	107.90	108.30
Wisconsin.....	9,180	9,200	10,600	13,000	12,000	10,600	62.20	104.70	104.80
Missouri.....	870	1,200	800	1,100	1,200	800	61.40	99.50	80.00
Delaware.....	1,340	1,400	1,400	1,600	1,800	1,700	62.10	102.00	80.00
Maryland.....	11,710	8,800	7,900	16,900	13,200	11,100	65.10	105.60	83.10
Virginia.....	2,470	3,000	2,100	3,300	3,900	2,700	59.50	102.00	91.60
North Carolina.....	1,520	1,600	1,200	1,700	2,400	1,600	57.90	95.00	85.00
South Carolina.....	1,820	3,900	1,000	1,600	3,900	1,000	48.00	80.00	70.00
Georgia.....	1,970	2,200	1,000	1,700	2,600	1,200	50.70	107.00	85.00
Florida.....	7,050	10,600	6,800	11,000	16,300	9,000	58.80	116.60	101.80
Tennessee.....	3,580	4,700	4,300	5,000	6,600	6,000	55.70	111.50	91.00
Mississippi.....	2,110	2,300	1,700	1,900	3,000	2,600	53.20	96.60	100.00
Arkansas.....	7,480	8,500	6,600	9,900	13,600	5,900	64.80	133.20	78.20
Louisiana.....	2,750	3,300	2,300	2,400	2,000	1,400	51.40	96.00	80.00
Oklahoma.....	3,100	3,000	3,000	3,400	3,300	2,100	60.60	140.00	94.00
Texas.....	4,040	8,000	7,500	6,200	12,800	9,000	56.20	85.00	72.50
Colorado.....	1,170	1,100	1,200	3,300	3,300	3,400	54.70	80.60	97.50
Utah.....	870	300	350	2,900	1,100	900	59.10	108.00	103.30
Washington.....	1,440	2,000	2,100	6,000	7,600	8,800	67.50	113.50	117.60
Oregon.....	3,110	4,800	4,600	18,500	25,000	33,100	74.20	122.70	116.10
California.....	920	990	960	4,400	5,000	4,800	71.20	114.40	103.70
Other States <sup>2</sup> .....	1,830	2,220	1,520	2,900	3,300	2,100	57.95	90.66	96.19
Total or average.....	97,220	122,760	101,780	160,700	207,400	166,000	64.59	117.76	100.93
Grand total.....	272,520	305,790	277,160	<sup>3</sup> 398,500	<sup>3</sup> 490,600	<sup>3</sup> 392,000	<sup>4</sup> 93.20	<sup>4</sup> 139.46	<sup>4</sup> 126.29

<sup>1</sup> Preliminary. <sup>2</sup> Approximately 30 pounds. <sup>3</sup> Includes some quantities not harvested.

<sup>4</sup> Average 1939-45. <sup>5</sup> Average 1938-45.

<sup>6</sup> Alabama, Idaho, Illinois, Iowa, Kentucky, Massachusetts, Montana, Nebraska, New Mexico, Ohio, Vermont, and Wyoming. <sup>7</sup> Derived price per ton.

Bureau of Agricultural Economics.

TABLE 292.—*Beets, commercial crop: Acreage yield, production, season average price per bushel and per ton received by farmers, and value, United States, 1929-47*

Year	For fresh market				For processing				
	Acreage harvested	Yield per acre	Production <sup>1</sup>	Price	Farm value	Acreage harvested	Yield per acre	Production	Farm value
	<i>Acres</i>	<i>Bushels</i>	<i>1,000 bushels<sup>2</sup></i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>1,000 dollars</i>
1929.....	9,810	210	2,058	0.64	1,307	6,920	5.20	36,000	17.39
1930.....	10,700	206	2,066	.60	1,331	10,720	5.21	55,900	15.40
1931.....	11,360	204	2,323	.41	864	4,750	6.34	30,100	11.79
1932.....	7,710	167	1,960	.40	789	2,970	7.27	21,600	8.56
1933.....	10,960	176	1,924	.48	921	4,040	6.14	24,800	9.72
1934.....	13,150	191	2,506	.46	1,142	6,820	5.88	40,100	10.47
1935.....	11,410	171	1,950	.56	1,098	8,210	5.80	47,600	10.21
1936.....	12,090	178	2,153	.46	933	8,350	5.64	47,100	12.42
1937.....	10,630	187	1,988	.52	1,036	12,150	6.15	62,600	11.80
1938.....	10,920	193	2,323	.39	809	11,080	6.39	70,800	11.79
1939.....	11,690	182	2,131	.43	907	8,320	5.37	44,700	12.66
1940.....	12,100	185	2,240	.48	1,072	12,400	5.70	70,700	12.22
1941.....	12,270	172	2,108	.43	914	17,790	7.48	133,000	13.11
1942.....	11,380	187	2,128	.62	1,330	16,730	7.88	131,900	15.17
1943.....	12,300	179	2,203	1.21	2,668	18,100	7.70	139,400	20.76
1944.....	13,640	182	2,482	.77	1,903	18,480	9.18	169,600	20.64
1945.....	11,590	186	2,136	.85	1,809	18,400	10.15	186,700	19.81
1946.....	12,030	187	2,249	.81	1,711	16,510	8.56	141,380	18.58
1947 <sup>3</sup> .....	9,970	195	1,942	.91	1,574	10,900	6.75	73,600	19.58

For footnotes see page 239

TABLE 293.—*Beets, commercial crop: Acreage, production, and season average price per bushel and per ton received by farmers, by States, average 1936-45, annual 1946 and 1947*

Utilization, group, and State	Acreage			Production			Price for crop of—		
	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>
For fresh market:	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 bushels<sup>2</sup></i>	<i>1,000 bushels<sup>2</sup></i>	<i>1,000 bushels<sup>2</sup></i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Winter: Texas.....	7,260	8,300	6,300	<sup>3</sup> 1,034	<sup>3</sup> 1,204	976	0.33	0.45	0.65
Spring:									
Louisiana.....	980	500	500	124	55	48	0.70	1.15	1.00
Mississippi.....	20			2			0.42		
South Carolina.....	210	450	450	73	122	94	1.29	1.70	1.30
North Carolina.....	220	280	250	<sup>3</sup> 49	62	<sup>3</sup> 41	1.14	1.35	1.70
Virginia.....	370	100	170	99	32	62	0.84	1.10	1.25
Total or average.....	1,900	1,330	1,370	347	271	245	0.98	1.44	1.29
Summer:									
New Jersey.....	1,730	1,200	1,300	409	330	351	0.97	1.15	0.85
Pennsylvania.....	970	1,200	1,000	378	444	370	0.77	1.05	0.90
Total or average.....	2,700	2,400	2,300	787	774	721	0.88	1.09	0.88
United States.....	11,850	12,030	9,970	2,167	2,249	1,942	0.62	0.81	0.81
For processing:				<i>Tons</i>	<i>Tons</i>	<i>Tons</i>			
New York.....	4,440	3,400	2,300	36,000	41,800	15,200	16.40	18.30	21.50
New Jersey.....	610	560	350	4,900	6,100	1,800	15.00	21.00	24.00
Indiana.....	250	200	100	1,000	1,100	800	14.60	19.00	20.00
Michigan.....	990	1,150	1,000	6,700	6,400	3,300	13.50	19.30	19.00
Wisconsin.....	4,040	6,200	4,200	31,400	50,200	34,400	12.70	17.60	17.70
Oregon.....	1,240	2,000	1,200	12,200	18,200	9,800	18.00	19.80	22.00
Other States <sup>4</sup> .....	2,610	3,000	1,750	13,400	17,580	8,600	14.61	19.62	20.02
Total or average.....	14,190	16,510	10,900	105,600	141,380	73,600	14.84	18.58	19.58
Grand total.....	26,030	28,540	20,870	<i>Tons</i> 161,900	<i>Tons</i> 199,900	<i>Tons</i> 124,100	<sup>5</sup> 18.93	<sup>5</sup> 22.12	<sup>5</sup> 24.31

<sup>1</sup> Preliminary.<sup>2</sup> Equivalent bushels of beets without tops (approximately 52 pounds).<sup>3</sup> Includes some quantities not harvested.<sup>4</sup> California, Colorado, Georgia, Illinois, Iowa, Louisiana, Maine, Maryland, Minnesota, Mississippi, Missouri, Nebraska, North Carolina, Ohio, Oklahoma, Pennsylvania, Tennessee, Texas, Utah, Virginia, and Washington.<sup>5</sup> Derived price per ton.

Bureau of Agricultural Economics.

## FOOTNOTES FOR TABLE 292

<sup>1</sup> Includes the following quantities not harvested and excluded in computing value: 200,000 bushels in 1931, 5,000 in 1935, 126,000 in 1936, 30,000 in 1938, 146,000 in 1946 and 5,000 in 1947.<sup>2</sup> Equivalent bushels of beets without tops (approximately 52 pounds).<sup>3</sup> Preliminary.

Bureau of Agricultural Economics. Data 1923-28 in Agricultural Statistics, 1942, table 341.

816939-49-16

TABLE 294.—Cabbage, commercial crop: Stocks, acreage, yield, production, season average price per ton received by farmers, and value, United States, 1929-47

Year	Stocks, Jan. 1 <sup>1</sup>	For fresh market					For sauerkraut				
		Acre- age har- vested	Yield per acre	Produc- tion <sup>2</sup>	Price	Farm value	Acre- age har- vested	Yield per acre	Produc- tion	Price	Farm value
	Tons	Acres	Tons	Tons	Dol- lars	1,000 dollars	Acres	Tons	Tons	Dol- lars	1,000 dollars
1929	61,940	136,790	7.19	983,400	20.20	19,863	20,530	8.43	173,000	10.22	1,768
1930	55,040	132,690	6.48	860,300	21.35	18,370	28,100	7.61	213,800	7.74	1,654
1931	55,570	148,360	6.62	982,500	11.34	10,780	19,210	7.11	136,500	6.03	823
1932	60,050	144,700	6.87	994,700	12.59	12,113	16,190	9.40	151,900	4.11	625
1933	85,150	136,110	5.80	788,900	21.03	16,453	16,440	5.80	95,400	11.21	1,069
1934	34,790	204,310	6.52	1,332,600	10.35	12,636	25,710	8.39	215,700	6.35	1,369
1935	82,200	152,580	6.67	1,017,000	13.99	14,162	16,500	8.17	134,800	5.17	697
1936	78,600	165,090	5.97	986,300	19.57	18,282	18,980	6.06	115,100	13.17	1,516
1937	45,810	160,060	6.19	991,300	15.00	14,546	24,840	5.99	148,900	9.68	1,442
1938	30,460	158,720	7.73	1,227,100	9.26	10,850	17,740	11.01	195,400	5.29	1,033
1939	78,020	152,880	6.26	957,100	16.25	14,856	19,710	7.44	146,600	7.59	1,113
1940	41,120	160,800	6.86	1,102,600	12.32	13,555	20,720	8.94	185,200	5.43	1,006
1941	60,080	139,940	6.70	937,700	21.24	19,831	23,480	8.99	211,000	9.70	2,047
1942	60,210	170,410	7.31	1,245,600	17.83	20,423	15,000	10.75	161,300	7.96	1,284
1943	58,060	166,040	6.15	1,021,700	48.59	49,351	13,890	7.75	107,400	21.89	2,351
1944	25,740	219,700	6.33	1,390,800	32.66	41,922	16,720	7.05	117,900	14.83	1,749
1945	22,690	192,080	8.03	1,541,700	28.30	41,468	22,730	10.26	233,300	13.31	3,105
1946	48,200	177,500	7.81	1,386,000	29.47	39,156	24,450	11.01	269,200	13.14	3,838
1947 <sup>3</sup>	113,900	163,260	7.04	1,150,100	40.62	45,894	9,430	7.41	69,900	16.97	1,186

<sup>1</sup> In the hands of growers and local dealers, from crop of preceding year.<sup>2</sup> Includes the following quantities not harvested and excluded in computing value: 31,600 tons in 1931, 32,800 in 1932, 6,500 in 1933, 111,800 in 1934, 4,900 in 1935, 52,000 in 1936, 21,800 in 1937, 55,200 in 1938, 42,800 in 1939, 2,000 in 1940, 4,000 in 1941, 100,200 in 1942, 6,100 in 1943, 107,200 in 1944, 76,200 in 1945, 57,400 in 1946, and 20,400 in 1947.<sup>3</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1918-28 in Agricultural Statistics, 1942, table 343.

TABLE 295.—Cabbage, commercial crop: Acreage, production, and season average price per ton received by farmers, by States, average 1936-45, annual 1946 and 1947

Utilization, group, and State	Acreage			Production			Price for crop of—		
	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>
For fresh market:									
Winter:									
California.....	11,400	12,000	9,500	94,100	100,800	76,000	20.91	36.00	40.50
Arizona.....	810	1,500	800	8,500	15,800	8,400	33.22	54.00	51.80
Texas.....	31,490	32,000	29,000	<sup>2</sup> 47,200	137,600	179,800	17.56	32.70	20.90
Florida.....	13,110	13,200	12,200	<sup>2</sup> 87,800	<sup>2</sup> 116,200	<sup>2</sup> 100,000	29.11	49.00	34.70
Total or average.....	56,810	58,700	51,500	337,600	370,400	364,200	22.17	39.56	29.19
Early spring:									
Louisiana.....	5,140	7,400	9,000	<sup>2</sup> 20,300	34,800	40,500	26.06	40.00	19.80
Mississippi.....	7,230	7,200	5,100	<sup>2</sup> 35,700	<sup>2</sup> 33,100	21,400	24.00	31.80	92.50
Alabama.....	1,290	1,800	1,600	<sup>2</sup> 6,900	9,900	5,600	33.11	59.20	42.50
Georgia, south.....	3,270	5,600	5,600	16,600	33,600	25,200	29.33	56.40	43.30
South Carolina.....	2,000	900	1,200	<sup>2</sup> 14,200	8,100	6,000	30.38	62.70	58.40
Total or average.....	18,930	22,900	22,500	93,700	119,500	98,700	26.08	46.49	45.20
Late spring:									
North Carolina.....	1,590	1,650	1,700	<sup>2</sup> 7,400	<sup>2</sup> 10,900	7,600	27.58	47.90	83.20
Virginia.....	2,260	1,700	1,500	<sup>2</sup> 11,200	<sup>2</sup> 11,700	5,400	29.91	27.40	66.00
Maryland.....	1,480	1,700	1,500	7,000	10,200	7,500	32.36	22.50	45.00
Tennessee.....	2,750	4,000	3,200	16,700	<sup>2</sup> 38,000	22,400	28.46	11.50	42.20
Kentucky.....	270	340	300	1,700	<sup>2</sup> 2,700	2,000	40.75	11.50	50.00
Ohio, southeast.....	450	650	580	3,800	6,500	5,200	40.85	18.30	46.50
Missouri.....	1,140	1,200	1,100	5,800	7,800	4,400	29.25	17.00	35.00
Washington.....	460	650	620	<sup>2</sup> 2,400	<sup>2</sup> 4,200	3,700	33.71	40.00	60.00
Total or average.....	10,420	11,890	10,500	56,000	92,000	58,200	30.44	21.73	51.36
Early summer:									
New Jersey.....	3,970	4,700	4,500	24,400	29,600	29,200	30.48	26.00	48.20
New York, Long Island.....	1,120	1,200	1,100	10,600	12,000	9,900	29.18	38.50	37.20
Georgia, north.....	740	900	850	3,300	3,800	4,100	28.45	29.10	61.70
Indiana.....	510	400	400	3,500	3,000	2,800	29.34	23.40	50.50
Illinois.....	3,180	3,300	3,000	19,800	18,200	18,000	22.29	29.00	60.00
Iowa.....	1,140	1,100	1,000	7,700	8,200	7,500	23.08	28.00	50.00
Total or average.....	10,650	11,600	10,850	69,300	74,800	71,500	26.71	29.02	50.69
Late summer:									
Colorado.....	1,550	1,700	1,800	<sup>2</sup> 16,100	18,900	21,600	19.75	22.40	40.80
Utah.....	480	300	360	6,800	4,000	5,000	16.23	40.00	45.00
New Mexico.....	850	600	400	5,400	3,600	2,000	26.15	30.00	80.00
Minnesota.....	950	510	350	7,000	4,000	2,400	19.91	30.00	66.00
Ohio.....	2,280	1,150	1,100	17,100	10,100	8,200	31.90	41.00	51.00
Pennsylvania.....	5,160	5,900	5,900	38,700	56,000	47,200	27.22	32.00	45.00
Virginia, south-west.....	3,180	2,000	1,700	<sup>2</sup> 18,000	<sup>2</sup> 14,200	12,900	21.22	24.20	53.80
North Carolina.....	4,360	3,300	3,600	27,200	23,100	27,000	22.25	32.80	41.70
Total or average.....	18,800	15,460	15,210	136,100	133,900	126,300	23.82	30.80	45.81
Early fall (domestic):									
New York, Long Island.....	1,020	900	850	10,600	11,200	8,900	22.89	30.00	47.60
New York, other.....	3,810	4,700	4,800	<sup>2</sup> 37,900	<sup>2</sup> 71,000	44,200	16.27	11.70	37.30
New Jersey.....	2,140	2,400	2,300	11,300	14,400	13,100	24.26	32.00	48.10
Michigan.....	3,010	4,200	4,200	23,200	31,500	35,700	32.42	56.00	70.60
Wisconsin.....	6,040	3,400	5,300	<sup>2</sup> 53,300	31,300	45,000	13.71	19.00	29.00
Washington.....	1,020	1,600	1,550	<sup>2</sup> 6,500	10,200	10,800	31.35	36.50	45.00
Total or average.....	17,040	17,200	19,000	142,800	169,600	157,700	19.90	25.14	44.48

See footnotes at end of table.



TABLE 295.—Cabbage, commercial crop: Acreage, production, and season average price per ton received by farmers, by States, average 1936-45, annual 1946 and 1947—Continued

Utilization, group, and State	Acreage			Production			Price for crop of—		
	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>
For fresh market—Continued:									
Early fall, Danish:	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
New York.....	18,180	19,200	14,400	<sup>2</sup> 163,200	<sup>2</sup> 240,000	108,000	18.64	11.30	45.00
Pennsylvania.....	2,840	2,900	2,700	23,100	29,000	21,600	21.37	26.00	49.00
Ohio.....	950	1,050	800	6,500	7,400	6,000	30.22	42.50	48.70
Indiana.....	350	300	300	2,500	2,400	2,400	25.39	20.00	46.20
Michigan.....	1,180	2,100	2,000	9,400	16,800	14,000	28.81	41.50	70.00
Wisconsin.....	3,370	3,900	3,500	<sup>2</sup> 27,200	35,100	29,800	15.49	18.00	39.00
Minnesota.....	1,340	1,100	1,400	9,500	11,000	11,200	18.40	29.00	40.00
Colorado.....	3,200	3,500	3,300	<sup>2</sup> 36,100	45,500	49,500	16.72	20.00	30.00
Total or average.....	31,410	34,050	28,400	277,600	387,200	242,500	18.76	16.84	42.09
Late fall:									
Oregon.....	1,370	2,000	1,700	<sup>2</sup> 9,700	13,200	12,800	27.47	42.00	37.60
Virginia.....	200	100	100	1,100	600	500	28.94	36.00	40.00
North Carolina.....	1,420	2,300	2,300	6,500	13,800	6,900	26.35	23.60	60.00
South Carolina.....	1,520	1,300	1,200	9,900	11,000	10,800	31.22	34.50	80.00
Total or average.....	4,510	5,700	5,300	27,200	38,600	31,000	27.94	33.21	57.39
United States.....	168,570	177,500	163,260	1,140,200	1,386,000	1,150,100	22.10	29.47	40.62
For sauerkraut:									
New York.....	6,950	8,550	3,550	67,900	120,600	26,300	11.00	10.70	19.30
Ohio.....	1,940	2,800	900	15,200	31,400	4,000	9.60	12.50	15.50
Indiana.....	1,290	1,740	100	7,800	13,900	600	12.30	15.20	16.00
Illinois.....	420	650	200	2,800	3,700	1,200	12.80	16.60	19.00
Michigan.....	840	670	270	6,100	6,200	1,800	10.20	12.20	16.80
Wisconsin.....	4,840	6,600	2,700	38,500	58,700	20,000	10.40	15.50	12.90
Minnesota.....	210	140	140	1,600	1,500	800	8.70	13.70	12.30
Colorado.....	250	240	70	2,600	2,800	800	11.50	13.00	17.90
Washington.....	330	370	240	3,400	4,100	2,600	11.30	15.00	13.80
Other States <sup>3</sup> .....	2,310	2,660	1,260	16,300	26,300	11,800	12.81	18.21	19.92
Total or average.....	19,380	24,450	9,430	162,200	269,200	69,900	10.88	13.14	16.97
Grand total.....	187,950	201,950	172,690	1,302,400	1,655,200	1,220,000	<sup>4</sup> 26,173	<sup>4</sup> 42,694	<sup>4</sup> 47,080

<sup>1</sup> Preliminary.<sup>2</sup> Includes some quantities not harvested.<sup>3</sup> Florida, Iowa, Maryland, Missouri, New Jersey, North Carolina, Oregon, Pennsylvania, Tennessee, Texas, Utah, and Virginia.<sup>4</sup> Derived price per ton.

Bureau of Agricultural Economics.

TABLE 296.—Cantaloups and other muskmelons,<sup>1</sup> commercial crop: Acreage, production, and season average price per crate received by farmers, by States, average 1936-45, annual 1946 and 1947

Group and State	Acreage			Production			Price for crop of—		
	Average 1936-45	1946	1947 <sup>2</sup>	Average 1936-45	1946	1947 <sup>2</sup>	Average 1936-45	1946	1947 <sup>2</sup>
<b>Spring:</b>									
California.....	<i>Acres</i> 16,940	<i>Acres</i> 22,200	<i>Acres</i> 20,830	<i>1,000 crates<sup>3</sup></i> 4 2,026	<i>1,000 crates<sup>3</sup></i> 4 2,664	<i>1,000 crates<sup>3</sup></i> 1,979	<i>Dollars</i> 2.86	<i>Dollars</i> 4.10	<i>Dollars</i> 4.35
Florida.....	460	800	800	4 26	4 31	64	2.59	3.60	2.25
Total or average.....	17,400	23,000	21,630	2,052	2,695	2,043	2.85	4.10	4.28
<b>Early summer:</b>									
Arizona.....	10,470	16,800	19,800	4 1,115	2,066	2,475	2.26	3.45	3.35
Nevada.....	120			13			.65		
Georgia.....	6,270	4,500	4,300	4 276	270	322	1.59	2.45	1.50
South Carolina.....	3,760	4,200	4,000	185	235	160	1.24	1.75	1.15
Total or average.....	20,620	25,500	28,100	1,589	2,571	2,957	2.02	3.19	3.03
<b>Midsummer:</b>									
California.....	11,200	20,200	33,500	1,870	4,380	4,188	2.03	3.10	3.40
Washington.....	1,560	2,500	2,000	4 258	4 450	4 368	1.38	2.05	2.00
New Mexico.....	920	1,800	1,150	82	142	108	1.73	3.50	2.45
Texas.....	5,200	7,200	5,400	266	367	324	1.88	3.85	3.65
Oklahoma.....	1,720	2,500	2,000	105	140	120	1.21	1.30	1.20
Arkansas.....	1,800	2,000	2,000	93	128	110	1.10	1.65	1.50
North Carolina.....	5,190	5,400	5,100	327	232	255	1.38	1.85	1.75
Maryland.....	6,360	6,300	6,300	4 529	510	378	1.49	1.80	2.35
Delaware.....	3,290	3,100	2,600	4 285	239	156	1.47	1.70	2.35
Indiana.....	6,420	6,100	6,400	4 427	628	410	1.80	2.45	2.25
Illinois.....	1,540	1,800	1,400	98	115	77	1.53	1.85	2.80
Iowa.....	720	500	480	52	58	24	1.72	1.95	2.35
Total or average.....	45,910	68,400	68,330	4,392	7,389	6,518	1.75	2.77	3.02
<b>Late summer:</b>									
Oregon.....	740	900	500	104	147	90	1.68	2.00	2.30
Utah.....	740	450	280	72	68	48	1.42	2.00	2.95
Colorado.....	4,150	4,100	4,000	413	332	460	1.44	1.85	1.95
Kansas.....	720	650	400	47	78	55	1.66	3.25	2.80
Michigan.....	4,230	3,000	2,700	4 384	225	189	2.35	3.70	4.55
Ohio.....	2,810	2,100	1,260	202	118	54	2.00	2.80	3.65
New Jersey.....	2,920	2,200	1,800	228	86	131	1.63	1.70	2.60
New York.....	2,060	1,550	1,200	145	119	88	3.08	4.25	5.30
Total or average.....	18,370	14,950	12,140	1,595	1,173	1,115	1.90	2.65	2.93
United States.....	102,300	131,850	130,200	9,629	13,828	12,633	2.04	3.10	3.22

<sup>1</sup> Includes Casaba and Persian melons.<sup>2</sup> Preliminary.<sup>3</sup> Equivalent jumbo crates (approximately 70 pounds).<sup>4</sup> Includes some quantities not harvested.

Bureau of Agricultural Economics.

TABLE 297.—Cantaloups and other muskmelons,<sup>1</sup> commercial crop: Acreage, yield, production, season average price per crate received by farmers, and value, United States, 1929-47

Year	Acreage harvested	Yield per acre	Production <sup>2</sup>	Price	Farm value	Year	Acreage harvested	Yield per acre	Production <sup>2</sup>	Price	Farm value
	<i>Acres</i>	<i>Crates<sup>3</sup></i>	<i>1,000 crates<sup>3</sup></i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>Crates<sup>3</sup></i>	<i>1,000 crates<sup>3</sup></i>	<i>Dollars</i>	<i>1,000 dollars</i>
1929.....	95,060	124	11,828	1.73	20,421	1939.....	118,610	84	10,014	1.17	11,682
1930.....	111,170	98	10,913	1.59	17,370	1940.....	110,210	89	9,802	1.24	12,087
1931.....	121,670	102	12,353	1.13	13,545	1941.....	111,490	89	9,963	1.44	14,026
1932.....	118,020	99	11,711	.96	9,626	1942.....	93,850	87	8,239	2.42	19,886
1933.....	97,200	93	8,903	.94	8,927	1943.....	70,760	113	7,981	4.35	34,700
1934.....	92,190	97	8,910	1.20	10,688	1944.....	94,610	102	9,694	3.05	29,471
1935.....	101,400	94	9,535	1.04	9,629	1945.....	108,640	95	10,295	2.90	30,646
1936.....	101,340	94	9,553	1.19	10,986	1946.....	131,850	105	13,828	3.10	42,608
1937.....	104,020	98	10,226	1.32	13,549	1947 <sup>4</sup> .....	130,200	97	12,633	3.22	40,522
1938.....	109,490	96	10,525	1.21	11,155						

<sup>1</sup> Includes Casaba and Persian melons.<sup>2</sup> Includes the following quantities not harvested and excluded in computing value: 380,000 crates in 1931, 1,650,000 in 1932, 416,000 in 1933, 300,000 in 1935, 355,000 in 1936, 1,281,000 in 1938, 89,000 in 1940, 171,000 in 1941, 21,000 in 1942, 12,000 in 1944, 43,000 in 1945, 66,000 in 1946, and 40,000 in 1947.<sup>3</sup> Equivalent jumbo crates (approximately 70 pounds).<sup>4</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1918-28 in Agricultural Statistics, 1942, table 346; includes Honey Ball and Honey Dew melons; production in standard crates containing approximately 60 pounds.

TABLE 298.—Carrots, commercial crop: Acreage, yield, production, season average price per bushel received by farmers, and value, United States, 1929-47<sup>1</sup>

Year	Acreage harvested	Yield per acre	Production <sup>2</sup>	Price	Farm value	Year	Acreage harvested	Yield per acre	Production <sup>2</sup>	Price	Farm value
	<i>Acres</i>	<i>Bu.<sup>3</sup></i>	<i>1,000 bu.<sup>3</sup></i>	<i>Dol.</i>	<i>1,000 dol.</i>		<i>Acres</i>	<i>Bu.<sup>3</sup></i>	<i>1,000 bu.<sup>3</sup></i>	<i>Dol.</i>	<i>1,000 dol.</i>
1929.....	32,770	344	11,273	0.68	7,521	1939.....	51,140	319	16,313	0.68	11,146
1930.....	34,820	339	11,821	.68	7,991	1940.....	54,770	309	16,909	.73	12,204
1931.....	34,040	332	11,290	.60	6,151	1941.....	56,110	325	18,254	.79	14,351
1932.....	35,650	306	10,904	.65	6,876	1942.....	60,780	333	20,216	1.21	24,445
1933.....	37,420	285	10,666	.59	6,298	1943.....	87,590	342	29,944	1.29	38,289
1934.....	40,960	310	12,705	.62	7,872	1944.....	79,330	338	26,833	1.27	33,907
1935.....	39,800	321	12,782	.68	8,687	1945.....	87,160	356	31,043	1.28	39,706
1936.....	45,090	306	13,812	.63	8,721	1946.....	80,820	328	26,480	1.35	34,845
1937.....	46,810	317	14,822	.69	10,212	1947 <sup>4</sup> .....	71,120	335	23,791	1.75	40,874
1938.....	50,980	318	16,214	.59	9,584						

<sup>1</sup> Includes quantities used for processing.<sup>2</sup> Includes the following quantities not harvested and excluded in computing value: 235,000 bushels in 1929, 1,056,000 in 1931, 265,000 in 1932, 7,000 in 1935, 5,000 in 1936, 81,000 in 1938, 216,000 in 1943, 63,000 in 1944, 90,000 in 1945, 683,000 in 1946, and 465,000 in 1947.<sup>3</sup> Equivalent bushels of carrots without tops (approximately 50 pounds).<sup>4</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1923-28 in Agricultural Statistics, 1942, table 349.

TABLE 299.—Carrots, commercial crop: Acreage, production, and season average price per bushel received by farmers, by States, average 1936-45, annual 1946 and 1947<sup>1</sup>

Group and State	Acreage			Production			Price for crop of—		
	Average 1936-45	1946	1947 <sup>2</sup>	Average 1936-45	1946	1947 <sup>2</sup>	Average 1936-45	1946	1947 <sup>2</sup>
Winter:	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 bushels<sup>3</sup></i>	<i>1,000 bushels<sup>3</sup></i>	<i>1,000 bushels<sup>3</sup></i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
California.....	8,060	10,000	10,200	2,930	3,750	3,978	1.11	1.80	1.60
Arizona.....	1,710	2,350	4,700	495	623	1,269	1.37	1.95	1.95
Texas.....	13,180	16,800	16,500	2,218	3,108	2,970	.37	.70	.70
Louisiana.....	1,870	1,350	1,250	232	148	131	.72	1.50	1.45
Florida.....	4,750	900	500	420	230	80	1.85	.85	1.25
Total or average.....	24,900	31,400	33,150	5,809	7,859	8,428	.83	1.34	1.33
Spring:									
California.....	7,060	6,800	5,300	2,789	2,611	2,624	1.06	1.80	1.80
Arizona.....	1,980	6,500	5,100	740	2,048	2,372	1.21	1.80	1.55
Mississippi.....	75			8			.51		
Total or average.....	9,120	13,300	10,400	3,543	4,659	4,996	1.10	1.80	1.69
Summer:									
North Carolina.....	100			16			.91		
Virginia.....	80			20			.85		
New Jersey.....	1,550	1,300	1,300	389	325	306	1.06	1.25	1.25
New York.....	1,420	1,380	1,250	575	662	475	1.00	1.05	1.25
Ohio.....	1,570	1,800	1,440	784	945	730	1.05	1.35	1.35
Colorado.....	1,480	1,800	1,500	364	450	412	.82	1.00	1.40
Total or average.....	6,190	6,280	5,490	2,148	2,382	1,913	.98	1.20	1.53
Fall:									
California.....	10,190	11,650	8,900	4,098	3,844	3,471	1.08	1.87	3.50
Oregon.....	790	1,000	900	325	415	382	1.19	2.00	2.10
Washington.....	1,260	1,760	1,800	533	704	828	.78	1.10	1.25
Idaho.....	4,390	600	100	1,116	165	83	1.08	.85	.55
Utah.....	420	460	400	68	138	126	.37	2.00	3.75
New Mexico.....	1,370	2,500	1,700	393	650	425	1.44	1.50	2.35
Minnesota.....	240	460	380	83	264	175	.64	.40	.55
Illinois.....	2,050	2,400	1,800	807	924	720	.69	.70	1.15
Indiana.....	140	110		65	60		.59	.55	
Michigan.....	1,360	2,600	1,600	709	1,664	944	.62	.55	1.00
Pennsylvania.....	1,520	2,000	1,800	542	600	486	.94	1.05	1.50
New York.....	3,000	4,400	2,700	1,364	2,152	864	.67	.46	1.15
Total or average.....	21,960	29,640	22,080	8,929	11,580	8,454	.89	1.19	2.26
United States.....	62,170	80,620	71,120	20,519	26,480	23,791	.92	1.35	1.75

<sup>1</sup> Includes quantities used for processing. <sup>2</sup> Preliminary.<sup>3</sup> Equivalent bushels of carrots without tops (approximately 50 pounds).<sup>4</sup> Short-time average: Florida—1945, first year of estimate; Idaho, Utah, and New Mexico—1939-45. <sup>5</sup> Includes some quantities not harvested.

Bureau of Agricultural Economics.

TABLE 300.—Cauliflower, commercial crop: Acreage, yield, production, season average price per crate received by farmers, and value, United States, 1929-47<sup>1</sup>

Year	Acreage harvested	Yield per acre	Production <sup>2</sup>	Price	Farm value	Year	Acreage harvested	Yield per acre	Production <sup>2</sup>	Price	Farm value
	<i>Acres</i>	<i>Crates<sup>3</sup></i>	<i>1,000 crates<sup>3</sup></i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>Crates<sup>3</sup></i>	<i>1,000 crates<sup>3</sup></i>	<i>Dollars</i>	<i>1,000 dollars</i>
1929.....	26,350	266	7,016	0.81	5,656	1939.....	29,350	308	9,040	0.64	5,780
1930.....	30,120	226	6,808	.85	5,780	1940.....	31,570	309	9,798	.58	5,665
1931.....	29,960	252	7,556	.75	5,649	1941.....	32,080	262	8,392	.79	6,632
1932.....	32,060	238	7,624	.61	4,478	1942.....	32,230	294	9,481	1.03	9,758
1933.....	30,340	236	7,167	.56	3,983	1943.....	26,440	286	7,559	1.87	14,170
1934.....	29,150	233	6,787	.58	3,970	1944.....	31,160	305	9,505	1.56	14,810
1935.....	27,890	246	6,872	.65	4,351	1945.....	37,420	311	11,640	1.58	18,413
1936.....	29,790	256	7,626	.71	5,437	1946.....	42,210	302	12,741	1.47	18,390
1937.....	29,470	294	8,677	.71	6,159	1947 <sup>4</sup> .....	39,640	287	11,385	1.53	17,380
1938.....	27,830	297	8,265	.57	4,689						

<sup>1</sup> Includes the headed type of broccoli.<sup>2</sup> Includes the following quantities not harvested and excluded in computing value: 336,000 crates in 1932, 127,000 in 1935, 30,000 in 1944, and 202,000 in 1946.<sup>3</sup> Equivalent 1½-bushel crates (approximately 37 pounds). <sup>4</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1918-28 in Agricultural Statistics, 1942, table 352.

TABLE 301.—*Cauliflower, commercial crop: Acreage, production, and season average price per crate received by farmers, by States, average 1936-45, annual 1946 and 1947*<sup>1</sup>

Group and State	Acreage			Production			Price for crop of—		
	Average 1936-45	1946	1947 <sup>2</sup>	Average 1936-45	1946	1947 <sup>2</sup>	Average 1936-45	1946	1947 <sup>2</sup>
Winter:	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 crates<sup>3</sup></i>	<i>1,000 crates<sup>3</sup></i>	<i>1,000 crates<sup>3</sup></i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
California.....	7,160	10,200	11,000	2,026	2,601	2,750	.82	1.50	1.20
Arizona.....	790	2,700	2,700	262	742	840	.97	1.60	1.30
Oregon.....	160	320	290	31	48	29	1.14	1.40	1.10
Texas.....	340	700	700	63	140	122	1.50	1.45	1.75
Florida.....	500	500	600	145	150	120	2.00	2.25	1.75
Total or average.....	8,510	14,420	15,290	2,397	3,681	3,861	.87	1.55	1.26
Spring:									
California.....	8,270	11,100	10,900	2,621	4,162	3,652	.98	1.40	1.45
Washington.....	660	590	650	267	236	276	1.00	1.20	1.20
Total or average.....	8,930	11,690	11,550	2,888	4,398	3,928	.98	1.39	1.43
Summer:									
New Jersey.....	1,250	1,300	1,000	264	260	225	1.25	1.60	1.60
New York.....	2,590	3,200	2,400	873	1,200	600	1.60	1.95	2.55
Colorado.....	3,320	3,200	3,400	864	896	1,020	.58	.95	1.05
Utah.....	20			9			1.08		
Total or average.....	7,180	7,700	6,800	2,010	2,356	1,845	1.12	1.49	1.60
Fall:									
New York, Long Island.....	4,560	4,500	3,600	1,259	1,462	900	1.22	1.55	2.75
Michigan.....	1,120	1,700	1,100	299	272	396	1.41	1.75	2.45
Oregon.....	780	2,200	1,300	237	572	455	.88	1.10	1.10
Total or average.....	6,120	8,400	6,000	1,795	2,306	1,751	1.13	1.46	2.25
United States.....	30,740	42,210	39,640	8,899	12,741	11,385	1.00	1.47	1.53

<sup>1</sup> Includes the headed type of broccoli.<sup>2</sup> Preliminary.<sup>3</sup> Equivalent 1½-bushel crates (approximately 37 pounds).<sup>4</sup> Short-time averages: Florida, 1945, first year of estimate; Michigan, 1939-45.<sup>5</sup> Includes some quantities not harvested.

Bureau of Agricultural Economics.

TABLE 302.—*Celery, commercial crop: Acreage, yield, production, season average price per crate received by farmers, and value, United States 1929-47*

Year	Acreage harvested	Yield per acre	Production <sup>1</sup>	Price	Farm value	Year	Acreage harvested	Yield per acre	Production <sup>1</sup>	Price	Farm value
	<i>Acres</i>	<i>Crates<sup>2</sup></i>	<i>1,000 crates<sup>2</sup></i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>Crates<sup>2</sup></i>	<i>1,000 crates<sup>2</sup></i>	<i>Dollars</i>	<i>1,000 dollars</i>
1929.....	35,220	409	14,391	1.20	17,267	1939.....	39,810	428	17,030	1.13	19,187
1930.....	35,050	430	15,073	1.21	18,307	1940.....	40,230	423	17,012	1.27	21,609
1931.....	35,180	380	13,367	1.39	18,542	1941.....	41,060	453	18,620	1.51	28,102
1932.....	34,220	405	13,855	.85	11,505	1942.....	40,630	427	17,335	2.04	35,321
1933.....	34,890	393	13,714	.91	12,187	1943.....	38,940	422	16,443	3.24	53,090
1934.....	36,130	386	13,936	.99	13,793	1944.....	40,690	443	18,040	2.69	47,428
1935.....	35,940	342	12,268	1.38	16,919	1945.....	43,890	447	19,622	3.19	62,253
1936.....	38,120	367	13,983	1.27	17,737	1946.....	48,250	484	23,329	1.91	42,971
1937.....	40,180	378	15,185	1.28	19,478	1947 <sup>3</sup> .....	42,690	471	20,094	2.83	56,864
1938.....	40,190	407	16,358	1.01	16,039						

<sup>1</sup> Includes the following quantities not harvested and excluded in computing value: 278,000 crates in 1932, 347,000 in 1933, 424,000 in 1938, 52,000 in 1943, 400,000 in 1944, 102,000 in 1945, and 809,000 in 1946.<sup>2</sup> Equivalent ½-size crates (approximately 65 pounds).<sup>3</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1918-28 in Agricultural Statistics, 1942, table 354; quantities and prices are as of equivalent 2/3-size crates containing approximately 90 pounds.

TABLE 303.—*Celery, commercial crop: Acreage, production, and season average price per crate received by farmers, by States, average 1936-45, annual 1946 and 1947*

Group and State	Acreage			Production			Price for crop of—		
	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947
Winter:									
Florida.....	5,400	8,550	7,100	<sup>1,000</sup> 2,810	<sup>1,000</sup> 4,249	<sup>1,000</sup> 2,840	Dollars 1.95	Dollars 2.15	Dollars 3.40
California.....	1,820	2,500	2,570	1,268	1,562	1,863	2.60	3.10	3.10
Arizona.....	<sup>4</sup> 250	930	550	<sup>4</sup> 201	442	302	<sup>4</sup> 3.15	2.85	4.30
Total or average.....	7,250	11,980	10,220	4,098	6,253	5,005	1.91	2.31	3.34
Spring:									
Florida.....	2,740	4,900	4,300	<sup>1</sup> 1,282	<sup>2</sup> 2,190	1,806	2.54	2.50	4.25
California.....	1,570	2,250	2,000	1,347	2,182	2,520	2.04	1.85	3.90
Total or average.....	4,300	7,150	6,300	2,629	4,372	4,326	2.29	2.17	4.05
Summer:									
New York.....	480	700	650	188	262	244	2.79	3.10	2.70
New Jersey.....	1,160	1,200	1,200	287	324	264	2.38	2.15	2.60
Ohio.....	1,190	890	890	538	423	222	2.24	3.00	3.30
Michigan.....	2,030	2,100	2,000	971	1,050	950	1.78	1.60	1.90
Indiana.....	26			10			1.26		
Oregon.....	500	440	280	273	233	185	1.70	1.50	2.70
Total or average.....	5,380	5,330	5,020	2,266	2,292	1,865	2.03	2.10	2.35
Early fall:									
New York.....	4,090	4,100	3,400	1,394	<sup>1</sup> 1,784	1,020	1.57	1.10	1.85
Pennsylvania.....	920	500	450	321	190	162	1.92	1.60	2.55
Ohio.....	900	660	560	344	280	168	2.04	1.75	3.20
Indiana.....	90	80		31	45		1.83	2.20	
Michigan.....	4,340	4,700	4,300	1,709	2,162	1,720	1.12	1.00	1.85
Colorado.....	1,310	1,500	1,200	443	<sup>2</sup> 510	408	2.34	2.20	3.30
Utah.....	480	950	680	<sup>2</sup> 170	<sup>3</sup> 618	456	1.68	1.55	2.35
Washington.....	510	700	560	275	<sup>3</sup> 385	314	1.21	1.25	1.60
Total or average.....	12,620	13,190	11,150	4,687	5,974	4,248	1.51	1.25	2.10
Late fall:									
California.....	10,300	10,000	9,400	3,170	4,300	4,512	2.06	1.80	2.00
Idaho.....	9			5			.78		
New Jersey.....	510	600	600	108	138	138	1.87	1.10	2.05
Total or average.....	10,820	10,600	10,000	3,283	4,438	4,650	1.96	1.78	2.00
United States.....	40,370	48,250	42,690	16,963	23,329	20,094	1.86	1.91	2.83

<sup>1</sup> Preliminary.<sup>2</sup> Equivalent  $\frac{1}{2}$ -size crates (approximately 65 pounds).<sup>3</sup> Includes some quantities not harvested.<sup>4</sup> First year of estimate, 1945.

Bureau of Agricultural Economics.

TABLE 304.—*Corn, sweet, commercial crop for processing: Acreage, yield, production, and season average price per ton received by farmers, and value, United States, 1929-47*

Year	Acreage harvested	Yield per acre	Production in bush	Price	Farm value	Year	Acreage harvested	Yield per acre	Production in bush	Price	Farm value
	<i>Acrees</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Acrees</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1929.....	359,900	1.96	706,900	13.09	9,254	1939.....	248,260	2.66	661,100	8.40	5,535
1930.....	376,760	1.76	661,400	13.22	8,742	1940.....	317,200	2.31	731,500	8.81	6,447
1931.....	358,030	2.19	785,100	11.06	8,681	1941.....	444,270	2.56	1,135,700	9.68	10,993
1932.....	165,130	2.34	387,200	7.50	2,905	1942.....	485,610	2.64	1,282,500	13.44	17,236
1933.....	199,670	1.97	394,300	8.01	3,159	1943.....	510,110	2.29	1,170,600	18.34	21,464
1934.....	287,630	1.73	498,000	8.46	4,211	1944.....	489,920	2.13	1,043,500	19.33	20,175
1935.....	401,610	2.14	859,900	9.31	8,007	1945.....	483,870	2.34	1,131,600	19.21	21,742
1936.....	372,420	1.63	607,500	10.21	6,200	1946.....	500,910	2.48	1,241,800	19.85	24,651
1937.....	438,810	2.23	978,100	11.56	11,311	1947 <sup>1</sup> .....	485,390	2.15	1,042,500	20.67	21,847
1938.....	345,160	2.56	882,800	9.08	8,808						

<sup>1</sup> Preliminary.Bureau of Agricultural Economics. Data for 1918-28 in *Agricultural Statistics, 1942, table 357.*

TABLE 305.—*Corn, sweet, commercial crop: Acreage, production, and season average price per 1,000 ears and per ton received by farmers, by States, average 1936-45, annual 1946 and 1947<sup>1</sup>*

Utilization, group, and State	Acreage			Production			Price for crop of—		
	Average 1936-45	1946	1947 <sup>2</sup>	Average 1936-45	1946	1947 <sup>2</sup>	Average 1936-45	1946	1947 <sup>2</sup>
For fresh market:									
Summer:	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 ears<sup>3</sup></i>	<i>1,000 ears<sup>3</sup></i>	<i>1,000 ears<sup>3</sup></i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
New Jersey.....	21,500	23,000	24,000	103,450	112,700	108,000	18.63	31.80	24.50
New York.....	23,350	30,800	34,000	119,989	160,160	170,000	15.72	29.70	21.60
Pennsylvania.....	*11,800	10,000	9,900	*56,650	47,000	47,520	*17.29	27.50	24.60
Total 3 States.....	52,900	63,800	67,900	263,094	319,860	325,520	16.71	30.12	22.68
For processing:				<i>Tons<sup>3</sup></i>	<i>Tons<sup>3</sup></i>	<i>Tons<sup>3</sup></i>			
Maine.....	12,110	11,800	10,800	43,800	41,300	33,500	20.10	28.90	30.00
New Hampshire.....	480	410	390	1,800	1,600	1,600	19.60	27.70	30.50
Vermont.....	1,050	760	550	3,000	1,800	1,300	14.90	23.40	24.30
New York.....	22,590	27,500	22,200	51,500	65,800	46,600	14.10	19.90	19.60
Pennsylvania.....	12,230	12,200	11,600	24,800	22,000	23,200	14.30	20.70	22.30
Ohio.....	23,340	22,600	23,100	47,000	49,700	46,200	11.60	18.00	18.30
Indiana.....	47,130	32,000	44,500	77,800	64,000	89,000	13.30	20.80	19.40
Illinois.....	65,880	72,600	70,600	161,500	174,200	127,100	12.80	20.10	20.50
Michigan.....	4,250	3,300	3,000	5,200	4,600	3,000	13.20	18.10	18.10
Wisconsin.....	49,580	100,000	99,700	114,300	210,000	219,300	11.90	17.80	18.90
Minnesota.....	68,630	81,700	76,800	182,400	228,800	169,000	11.00	17.20	18.70
Iowa.....	41,230	42,400	35,100	93,800	123,000	42,500	11.10	18.70	18.80
Nebraska.....	2,530	2,400	2,100	4,500	6,200	2,700	9.80	19.10	18.10
Delaware.....	2,870	5,900	4,700	6,500	14,800	12,200	13.10	20.00	19.40
Maryland.....	37,360	39,500	37,700	77,700	86,900	82,900	13.90	20.00	20.60
Virginia.....	740	440	500	1,200	1,100	1,600	16.40	20.00	19.70
Idaho.....	3,310	9,000	8,600	10,600	30,600	29,200	13.50	23.00	22.00
Utah.....	*970	2,900	4,600	*3,300	9,900	17,900	*16.50	23.60	22.30
Washington.....	6,260	15,800	12,000	22,100	56,900	43,200	15.50	25.30	27.10
Oregon.....	3,320	9,700	10,200	10,000	27,200	33,700	17.50	32.80	34.00
Other States <sup>4</sup> .....	7,900	8,600	6,650	20,900	21,200	17,500	12.90	17.76	18.47
Total or average.....	413,660	500,910	485,390	962,500	1,241,800	1,042,600	12.90	19.85	20.67

<sup>1</sup> Sweet corn for market is reported for 3 States only. Data are not available for other States where it is grown in commercial quantities for fresh market.

<sup>2</sup> Preliminary. <sup>3</sup> 1,000 ears weigh approximately 700 pounds.

<sup>4</sup> Average 1939-45 for Pennsylvania and 1937-45 for Utah.

<sup>5</sup> Tonnage in bush.

\* Arkansas, Colorado, Kansas, Montana, New Jersey, Oklahoma, South Dakota, Tennessee, Texas and Wyoming.

Bureau of Agricultural Economics.

TABLE 306.—*Cucumbers, commercial crop: Acreage, yield, production, season average price per bushel received by farmers, and value, United States, 1929-47*

Year	For fresh market				For pickles				Pickle stocks on hand Oct. 1 <sup>2</sup>
	Acreage harvested	Yield per acre	Production <sup>1</sup>	Price	Acreage harvested	Yield per acre	Production	Price	
	<i>Acres</i>	<i>Bushels<sup>3</sup></i>	<i>1,000 bushels<sup>3</sup></i>	<i>Dollars</i>	<i>Acres</i>	<i>Bushels<sup>3</sup></i>	<i>1,000 bushels<sup>3</sup></i>	<i>Dollars</i>	<i>1,000 bushels</i>
1929.....	45,990	109	5,002	1.56	7,816	73,180	49	3,798	0.81
1930.....	62,940	109	6,879	1.05	5,619	114,820	69	7,295	3,066
1931.....	53,210	95	5,065	.78	3,846	82,470	67	5,547	5,145
1932.....	48,100	87	4,200	.73	2,983	30,910	56	1,727	8,719
1933.....	45,360	85	3,844	.76	2,914	54,660	63	3,459	8,706
1934.....	47,030	92	4,332	.88	3,820	77,470	64	4,189	5,539
1935.....	48,070	104	5,019	.80	3,825	85,070	55	4,788	1,961
1936.....	48,340	88	4,262	.95	4,066	88,020	70	6,046	2,438
1937.....	45,040	94	4,216	1.07	4,501	108,070	71	7,761	3,387
1938.....	44,850	108	4,857	.80	3,886	82,290	74	6,093	6,807
1939.....	45,260	112	5,059	.97	4,776	87,160	67	3,837	5,799
1940.....	43,350	111	4,795	1.10	5,297	92,330	67	6,205	2,222
1941.....	43,820	113	4,970	1.24	6,031	110,600	74	8,238	3,603
1942.....	43,600	112	4,872	1.59	7,725	107,010	77	8,307	5,626
1943.....	34,270	111	3,790	2.80	10,605	84,900	74	6,238	8,665
1944.....	41,000	101	4,134	2.13	8,825	96,000	77	7,661	7,008
1945.....	46,900	118	5,527	2.49	13,773	101,390	79	7,993	8,425
1946.....	50,310	118	6,075	2.39	16,826	134,580	78	10,507	9,424
1947 <sup>4</sup> .....	58,850	106	6,263	2.19	13,259	125,570	81	10,111	14,703

<sup>1</sup> Includes the following quantities not harvested and excluded in computing value: 1,551,000 bushels in 1930, 124,000 in 1931, 100,000 in 1932, 227,000 in 1935, 133,000 in 1939, 96,000 in 1941, 6,000 in 1945, 57,000 in 1946, and 210,000 in 1947.

<sup>2</sup> Stocks in hands of original salters of both salt and dill pickles sold and unsold, in tanks and barrels, on Oct. 1. <sup>3</sup> Approximately 48 pounds. <sup>4</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1918-28 in Agricultural Statistics, 1942, table 360.



TABLE 307.—Cucumbers, commercial crop: Acreage, production, and season average price per bushel received by farmers, by States, average 1936-45, annual 1946 and 1947

Utilization, group, and State	Acreage			Production			Price for crop of—		
	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>
For fresh market:	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 bushels<sup>2</sup></i>	<i>1,000 bushels<sup>2</sup></i>	<i>1,000 bushels<sup>2</sup></i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Winter: Florida.....	<sup>3</sup> 400	800	350	<sup>2</sup> 28	105	35	<sup>4</sup> 6.30	6.75	9.50
Early spring:									
Florida.....	5,510	7,700	8,650	605	1,078	778	2.73	3.40	3.65
Texas.....	4,240	5,700	4,800	<sup>4</sup> 229	<sup>4</sup> 399	264	1.61	2.05	2.35
Total or average...	9,750	13,400	13,450	833	1,477	1,042	2.38	2.91	3.32
Late spring:									
Louisiana.....	610	1,000	800	55	100	56	1.28	1.65	1.65
Alabama.....	1,190	1,500	1,500	<sup>4</sup> 192	195	180	1.19	1.40	1.70
Georgia.....	1,290	1,700	1,500	94	170	100	1.20	1.55	1.80
South Carolina.....	5,210	7,000	7,000	<sup>4</sup> 366	770	<sup>4</sup> 700	1.49	1.70	1.40
North Carolina.....	4,050	6,300	7,400	284	504	592	1.81	2.20	1.75
Arkansas.....	600	1,500	1,500	61	150	150	1.06	1.90	1.40
California.....	1,960	2,400	2,400	484	540	624	1.54	1.90	2.00
Total or average...	14,920	21,400	22,100	1,535	2,429	2,402	1.36	1.82	1.71
Early summer:									
Virginia.....	210	150	150	20	21	16	1.08	2.00	.95
Maryland.....	2,970	3,900	3,700	396	585	444	.95	2.10	1.50
Delaware.....	1,310	1,000	1,000	155	150	125	.90	2.10	1.45
New Jersey.....	2,830	2,800	3,800	454	420	646	1.30	2.75	1.10
Illinois.....	2,030	2,050	2,200	197	184	165	1.29	2.00	2.20
Total or average...	9,360	9,900	10,850	1,222	1,360	1,396	1.12	2.29	1.39
Late summer:									
New York.....	4,530	5,360	5,600	579	750	756	1.33	1.90	1.85
Pennsylvania.....	<sup>4</sup> 700	750	600	<sup>4</sup> 140	128	108	<sup>4</sup> 1.70	2.60	1.60
Michigan.....	900	1,200	1,200	96	120	114	1.48	2.10	2.70
Total or average...	5,930	7,310	7,400	773	998	978	1.35	2.01	1.92
Early fall:									
Louisiana.....	980	1,200	700	87	144	42	1.67	2.00	2.90
Georgia.....	800	600	450	30	20	13	1.47	2.00	3.75
Total or average...	1,780	1,800	1,150	117	164	55	1.65	2.00	3.11
Late fall:									
Florida.....	1,860	4,700	3,550	<sup>4</sup> 164	442	355	3.01	4.10	4.85
United States.....	43,640	59,310	58,850	4,648	6,975	6,263	1.51	2.39	2.19

See footnotes at end of table.

TABLE 307.—*Cucumbers, commercial crop: Acreage, production, and season average price per bushel received by farmers, by States, average 1936-45, annual 1946 and 1947—Continued*

Utilization, group, and State	Acreage			Production			Price for crop of—		
	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>
For pickles:	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 bushels<sup>2</sup></i>	<i>1,000 bushels<sup>2</sup></i>	<i>1,000 bushels<sup>2</sup></i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Massachusetts.....	730	950	840	97	91	123	.86	1.50	1.30
New York.....	800	1,450	1,100	70	115	57	.89	1.55	1.45
Ohio.....	3,940	2,300	2,700	201	126	200	.85	1.65	1.40
Indiana.....	5,260	6,300	7,300	271	410	321	.80	1.25	1.20
Illinois.....	1,500	900	1,000	86	86	48	.91	1.30	1.40
Michigan.....	25,650	42,900	35,600	1,653	2,445	2,172	.80	1.05	1.40
Wisconsin.....	13,170	20,100	18,900	984	1,427	1,852	.82	1.50	1.35
Minnesota.....	1,620	2,300	1,600	106	106	141	.69	1.25	1.20
Iowa.....	1,470	1,260	500	73	94	20	.64	1.15	1.05
Missouri.....	1,230	1,500	900	58	117	32	.79	1.50	1.50
Maryland.....	2,870	6,700	5,800	242	603	505	.70	1.35	1.25
Delaware.....	1,160	1,100	1,100	71	84	91	.80	1.70	1.50
Virginia.....	3,940	4,800	6,100	275	408	494	.79	1.15	1.25
North Carolina.....	5,480	6,800	7,400	443	456	644	.72	1.15	1.20
South Carolina.....	620	2,900	1,900	54	290	141	.62	1.20	.85
Georgia.....	2,290	8,500	6,000	152	502	354	.74	1.30	1.30
Louisiana.....	500	600	650	31	43	46	.61	1.45	1.30
Texas.....	5,030	1,600	4,800	245	104	312	.73	1.30	1.45
Colorado.....	1,590	2,500	2,300	287	432	430	.61	1.55	1.20
Washington.....	420	1,200	800	75	268	194	.86	1.50	1.25
Oregon.....	1,050	1,650	1,000	181	295	212	.81	1.50	1.50
California.....	2,550	4,230	2,020	621	1,266	697	.70	1.15	1.10
Other States <sup>3</sup> .....	10,100	12,040	15,260	564	799	1,025	.64	1.15	1.40
Total or average.....	92,970	134,580	125,570	6,840	10,507	10,111	.76	1.40	1.30
Grand total.....	136,610	193,890	184,420	11,488	17,482	16,374	1.07	1.80	1.64

<sup>1</sup> Preliminary.<sup>2</sup> Approximately 48 pounds.<sup>3</sup> Average: Florida—1945, first year of estimate; 1939-45 for Pennsylvania.<sup>4</sup> Includes some quantities not harvested.<sup>5</sup> Alabama, Arizona, Arkansas, Connecticut, Florida, Kansas, Kentucky, Maine, Mississippi, Nebraska, New Jersey, Oklahoma, Pennsylvania, South Dakota, Tennessee, and Utah.

Bureau of Agricultural Economics.

TABLE 308.—*Eggplant, commercial crop: Acreage, yield, production, season average price per bushel received by farmers, and value, United States, 1929-47*

Year	Acreage harvested	Yield per acre	Production <sup>1</sup>	Price	Farm value	Year	Acreage harvested	Yield per acre	Production <sup>1</sup>	Price	Farm value
	<i>Acres</i>	<i>Bu.<sup>2</sup></i>	<i>1,000 bu.<sup>2</sup></i>	<i>Dol.</i>	<i>1,000 dol.</i>		<i>Acres</i>	<i>Bu.<sup>2</sup></i>	<i>1,000 bu.<sup>2</sup></i>	<i>Dol.</i>	<i>1,000 dol.</i>
1929.....	4,080	241	986	1.06	1,049	1939.....	4,600	215	1,003	0.68	679
1930.....	4,400	199	876	.76	665	1940.....	3,700	205	758	.88	664
1931.....	3,750	234	876	.80	704	1941.....	4,750	219	1,040	.84	876
1932.....	4,100	220	903	.69	537	1942.....	4,050	228	922	1.21	1,118
1933.....	4,050	205	832	.69	491	1943.....	5,250	217	1,140	1.98	2,255
1934.....	3,850	201	775	.62	406	1944.....	5,850	237	1,386	1.40	1,812
1935.....	3,030	220	666	.83	550	1945.....	6,050	254	1,538	1.93	2,942
1936.....	3,700	259	960	.60	477	1946.....	6,800	265	1,804	1.53	2,451
1937.....	3,650	221	805	.62	661	1947 <sup>3</sup> .....	5,550	197	1,091	1.86	2,030
1938.....	4,350	247	1,073	.66	604						

<sup>1</sup> Includes some quantities not harvested and excluded in computing value: 90,000 bushels in 1944, 62,000 in 1945, and 178,000 in 1946.<sup>2</sup> Approximately 33 pounds.<sup>3</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1921-28 in Agricultural Statistics, 1942, table 362.

TABLE 309.—*Eggplant, commercial crop: Acreage, production, and season average price per bushel received by farmers, by States, average 1936-45, annual 1946 and 1947*

Group and State	Acreage			Production			Price for crop of—		
	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>
	<i>Acres</i> 480	<i>Acres</i> 1,100	<i>Acres</i> 900	<i>1,000 bushels</i> 180	<i>1,000 bushels</i> 427	<i>1,000 bushels</i> 216	<i>Dollars</i> 1.93	<i>Dollars</i> 2.10	<i>Dollars</i> 2.15
Winter: Florida.....									
Spring: Florida.....	820	1,700	1,400	289	672	280	1.22	1.10	2.30
Summer:									
Louisiana.....	550	400	350	77	54	49	1.02	1.60	1.45
New Jersey.....	1,410	1,700	1,700	359	357	400	.77	1.30	1.35
Total or average.....	1,960	2,100	2,050	436	411	449	.81	1.34	1.36
Fall:									
Florida.....	1,030	1,200	500	167	186	38	1.48	1.90	3.35
Texas.....	490	700	700	62	108	108	.86	1.45	1.70
Total or average.....	1,520	1,900	1,200	229	294	146	1.26	1.73	2.13
United States.....	4,600	6,800	5,550	1,063	1,804	1,091	1.08	1.53	1.86

<sup>1</sup> Preliminary.<sup>2</sup> Average 1940-45.<sup>3</sup> Approximately 33 pounds.<sup>4</sup> Includes some quantities not harvested.

Bureau of Agricultural Economics.

TABLE 310.—*Escarole, commercial crop: Acreage, yield, production, season average price per bushel received by farmers, and value, Florida, 1929-47*

Year	Acreage harvested	Yield per acre	Production <sup>1</sup>	Price	Farm value	Year	Acreage harvested	Yield per acre	Production <sup>1</sup>	Price	Farm value
	<i>Acres</i>	<i>Bu.<sup>2</sup></i>	<i>1,000 bu.<sup>3</sup></i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>Bu.<sup>2</sup></i>	<i>1,000 bu.<sup>3</sup></i>	<i>Dollars</i>	<i>1,000 dollars</i>
1929.....	500	902	451	0.51	230	1939.....	1,000	645	645	0.41	264
1930.....	450	1,113	501	.91	458	1940.....	1,350	589	795	.38	302
1931.....	850	632	537	.39	209	1941.....	1,000	554	554	.66	366
1932.....	700	479	335	.61	204	1942.....	1,200	596	715	.47	336
1933.....	700	843	590	.36	212	1943.....	1,450	518	751	1.52	1,142
1934.....	700	932	652	.41	267	1944.....	2,350	629	1,478	.78	647
1935.....	650	648	421	.57	240	1945.....	2,800	459	1,285	1.45	1,382
1936.....	700	726	508	.41	208	1936.....	2,500	554	1,385	.80	875
1937.....	900	667	600	.51	306	1947 <sup>1</sup> .....	2,700	355	958	1.35	1,293
1938.....	1,000	680	680	.30	204						

<sup>1</sup> Includes the following quantities not harvested and excluded in computing value: 649,000 bushels in 1944; 332,000 in 1945, and 291,000 in 1946.<sup>2</sup> Approximately 25 pounds.<sup>3</sup> Preliminary.

Bureau of Agricultural Economics.

TABLE 311.—*Garlic, commercial crop: Acreage, yield, production, season average price per sack received by farmers, and value, 3 States, 1932-47*

Year	Acreage harvested	Yield per acre	Production	Price	Farm value	Year	Acreage harvested	Yield per acre	Production	Price	Farm value
	<i>Acres</i>	<i>Sacks<sup>1</sup></i>	<i>1,000 sacks<sup>1</sup></i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>Sacks<sup>1</sup></i>	<i>1,000 sacks<sup>1</sup></i>	<i>Dollars</i>	<i>1,000 dollars</i>
1932.....	4,500	30.9	139	2.61	363	1940.....	3,800	36.5	142	7.43	1,055
1933.....	4,110	29.9	123	3.22	396	1941.....	3,980	38.9	155	9.03	1,492
1934.....	3,600	34.4	124	3.65	453	1942.....	4,820	45.0	217	4.18	906
1935.....	3,160	38.9	123	3.97	488	1943.....	3,350	39.1	131	10.40	1,363
1936.....	3,900	38.2	149	4.11	613	1944.....	3,400	44.1	150	16.16	2,425
1937.....	4,250	44.0	187	2.68	501	1945.....	3,400	52.1	177	18.25	3,220
1938.....	4,460	40.8	182	3.01	547	1946.....	4,150	49.2	204	13.67	2,788
1939.....	4,300	41.6	179	3.15	563	1947 <sup>1</sup> .....	4,180	45.0	188	9.70	1,823

<sup>1</sup> Equivalent 100-pound sacks.<sup>2</sup> Preliminary.

Bureau of Agricultural Economics.

**TABLE 312.—Garlic, commercial crop: Acreage, production, and season average price per sack received by farmers, by States, average 1936-45, annual 1946 and 1947**

Group and State	Acreage			Production			Price for crop of—		
	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>
Spring:	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 sacks<sup>2</sup></i>	<i>1,000 sacks<sup>2</sup></i>	<i>1,000 sacks<sup>2</sup></i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Louisiana.....	820	900	900	11	11	12	5.98	20.00	13.50
Texas.....	980	400	500	14	8	9	3.47	6.50	6.50
Total or average.....	1,800	1,300	1,400	26	19	21	4.74	14.32	10.48
Summer: California.....	2,170	2,850	2,780	141	185	167	8.46	13.60	9.60
Total, 3 States.....	3,980	4,150	4,180	167	204	188	7.90	13.67	9.70

<sup>1</sup> Preliminary.

<sup>2</sup> Equivalent 100-pound sacks.

Bureau of Agricultural Economics.

**TABLE 313.—Honey Ball melons, commercial crop: Acreage, yield, production, season average price per crate received by farmers, and value, 2 States, 1929-47**

Year	Acreage harvested	Yield per acre	Production	Price	Farm value	Year	Acreage harvested	Yield per acre	Production	Price	Farm value
	<i>Acres</i>	<i>Crates<sup>1</sup></i>	<i>1,000 crates<sup>1</sup></i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>Crates<sup>1</sup></i>	<i>1,000 crates<sup>1</sup></i>	<i>Dollars</i>	<i>1,000 dollars</i>
1929.....	5,150	110	567	1.66	944	1939.....	3,380	93	314	1.46	459
1930.....	7,230	124	897	1.73	1,552	1940.....	4,020	72	290	2.05	594
1931.....	7,280	137	999	1.05	1,050	1941.....	3,560	96	343	1.77	608
1932.....	6,350	120	761	1.04	641	1942.....	2,690	121	326	2.64	860
1933.....	7,470	95	707	1.11	693	1943.....	950	120	114	7.00	798
1934.....	2,750	138	380	1.52	577	1944.....	1,040	141	147	4.08	600
1935.....	3,980	122	486	1.11	540	1945.....	1,680	129	216	3.54	765
1936.....	3,260	130	424	1.35	571	1946.....	2,000	96	193	3.88	748
1937.....	3,320	139	463	1.44	669	1947 <sup>1</sup> .....	640	110	70	5.10	357
1938.....	2,470	133	328	1.68	552						

<sup>1</sup> Equivalent jumbo crates (approximately 70 pounds).

<sup>2</sup> Includes 144,000 crates in 1932 and 81,000 in 1933 not harvested and excluded in computing value.

<sup>3</sup> Preliminary.

Bureau of Agricultural Economics.

**TABLE 314.—Honey Ball melons, commercial crop: Acreage, production, and season average price per crate received by farmers, by States, average 1936-45, annual 1946 and 1947**

Group and State	Acreage			Production			Price for crop of—		
	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>
Spring: California.....	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 crates<sup>2</sup></i>	<i>1,000 crates<sup>2</sup></i>	<i>1,000 crates<sup>2</sup></i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
	2,280	1,750	640	250	158	70	2.72	4.10	5.10
Summer:									
California.....	310	250	-----	42	35	-----	1.90	2.85	-----
Arizona.....	40	-----	-----	4	-----	-----	1.86	-----	-----
Total or average.....	350	250	-----	46	35	-----	1.90	2.86	-----
United States.....	2,640	2,000	640	297	193	70	2.70	3.88	5.10

<sup>1</sup> Preliminary.

<sup>2</sup> Equivalent jumbo crates (approximately 70 pounds).

Bureau of Agricultural Economics.

TABLE 315.—*Honey Dew melons, commercial crop: Acreage, yield, production, season average price per crate received by farmers, and value, United States, 1929-47*

Year	Acreage harvested	Yield per acre	Production <sup>2</sup>	Price	Farm value	Year	Acreage harvested	Yield per acre	Production <sup>2</sup>	Price	Farm value
	<i>Acres</i>	<i>Crates<sup>1</sup></i>	<i>1,000 crates<sup>1</sup></i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>Crates<sup>1</sup></i>	<i>1,000 crates<sup>1</sup></i>	<i>Dollars</i>	<i>1,000 dollars</i>
1929.....	12,680	341	4,327	0.56	2,419	1939.....	13,350	235	3,137	0.64	2,021
1930.....	15,110	274	4,135	.88	3,634	1940.....	14,360	169	2,428	.93	2,266
1931.....	15,200	294	4,462	.52	2,216	1941.....	11,320	236	2,667	.90	2,394
1932.....	16,400	302	4,957	.43	1,440	1942.....	8,780	242	2,126	1.52	3,225
1933.....	10,650	266	2,838	.58	1,401	1943.....	8,480	303	2,570	2.63	6,765
1934.....	8,150	323	2,634	.74	1,945	1944.....	12,960	255	3,311	1.80	5,949
1935.....	12,110	268	3,249	.57	1,836	1945.....	17,350	251	4,356	1.89	8,237
1936.....	12,780	269	3,432	.60	2,049	1946.....	21,740	211	4,591	1.76	8,091
1937.....	13,320	255	3,792	.60	2,270	1947 <sup>3</sup> .....	15,970	209	3,340	2.02	6,741
1938.....	12,310	250	3,072	.64	1,970						

<sup>1</sup> Equivalent standard Honey Dew crates (approximately 35 pounds).<sup>2</sup> Includes 239,000 crates in 1931; 1,612,000 in 1932, and 438,000 in 1933 not harvested and excluded in computing value.<sup>3</sup> Preliminary.

Bureau of Agricultural Economics.

TABLE 316.—*Honey Dew melons, commercial crop: Acreage, production, and season average price per crate received by farmers, by States, average 1936-45, annual 1946 and 1947*

Group and State	Acreage			Production			Price for crop of—		
	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 crates<sup>2</sup></i>	<i>1,000 crates<sup>2</sup></i>	<i>1,000 crates<sup>2</sup></i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Spring: California.....	3,960	3,500	2,940	990	560	294	1.34	2.20	2.30
Summer:									
Arizona.....	1,650	4,500	3,300	468	1,215	874	1.30	1.85	1.90
California.....	4,450	12,500	9,100	1,220	2,625	2,048	1.21	1.65	2.05
Colorado.....	2,290	500	350	378	50	54	.95	1.35	1.75
Kansas.....	780	740	280	163	141	70	1.52	1.50	1.60
Total or average.....	8,550	18,240	13,030	2,099	4,031	3,046	1.19	1.70	1.99
United States.....	12,500	21,740	15,970	3,089	4,591	3,340	1.22	1.76	2.02

<sup>1</sup> Preliminary.<sup>2</sup> Equivalent standard Honey Dew crates (approximately 35 pounds).<sup>3</sup> Average, 1944-45.

Bureau of Agricultural Economics.

TABLE 317.—*Kale, commercial crop: Acreage, yield, production, season average price per bushel received by farmers, and value, Virginia, 1929-47*

Year	Acreage harvested	Yield per acre	Production	Price	Farm value	Year	Acreage harvested	Yield per acre	Production	Price	Farm value
	<i>Acres</i>	<i>Bu.<sup>1</sup></i>	<i>1,000 bu.<sup>1</sup></i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>Bu.<sup>1</sup></i>	<i>1,000 bu.<sup>1</sup></i>	<i>Dollars</i>	<i>1,000 dollars</i>
1929.....	1,800	450	810	0.35	284	1939.....	1,800	450	810	.25	202
1930.....	1,800	410	738	.40	295	1940.....	1,400	290	364	.40	146
1931.....	2,400	230	552	.50	276	1941.....	1,700	520	884	.23	203
1932.....	1,800	600	1,080	.20	216	1942.....	1,600	275	440	.55	242
1933.....	1,800	500	900	.35	315	1943.....	1,650	445	734	.85	624
1934.....	2,300	185	426	.40	170	1944.....	2,350	350	822	.64	526
1935.....	2,000	200	400	.35	140	1945.....	1,900	350	665	.65	432
1936.....	1,600	275	440	.30	132	1946.....	1,700	327	556	.85	473
1937.....	1,300	410	553	.30	160	1947 <sup>3</sup> .....	1,800	390	702	.60	421
1938.....	1,400	490	686	.30	206						

<sup>1</sup> Approximately 18 pounds.<sup>2</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1928 in Agricultural Statistics, 1942, table 366.

TABLE 318.—*Lettuce, commercial crop: Acreage, production, and season average price per crate received by farmers, by States, average 1936-45, annual 1946 and 1947*

Group and State	Acreage			Production			Price for crop of—		
	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>
Winter:	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 crates<sup>2</sup></i>	<i>1,000 crates<sup>2</sup></i>	<i>1,000 crates<sup>2</sup></i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Arizona.....	14,640	24,300	21,200	<sup>3</sup> 2,025	<sup>3</sup> 3,038	<sup>3</sup> 3,201	2.06	3.00	3.15
California.....	20,480	29,500	27,000	<sup>3</sup> 3,468	<sup>3</sup> 6,048	<sup>3</sup> 5,265	1.90	2.75	3.40
Florida.....	1,530	1,500	2,050	<sup>3</sup> 217	<sup>3</sup> 301	244	1.97	3.22	2.89
Iceberg.....	<sup>4</sup> 1,160	950	1,300	<sup>3</sup> 129	<sup>3</sup> 159	150	<sup>4</sup> 2.57	3.40	2.95
Boston.....	<sup>4</sup> 710	550	750	<sup>3</sup> 115	<sup>3</sup> 142	94	<sup>4</sup> 2.15	3.00	2.80
Total or average.....	36,650	55,300	50,250	5,710	9,387	8,710	1.96	2.84	3.29
Early spring:									
Arizona.....	19,800	26,900	22,200	<sup>3</sup> 2,870	3,497	3,730	2.16	2.65	2.65
California.....	28,680	33,100	27,200	3,481	4,303	5,032	2.25	2.45	4.00
Florida.....	<sup>4</sup> 330	350	150	<sup>4</sup> 32	<sup>4</sup> 55	21	<sup>4</sup> 2.94	4.25	2.35
Georgia.....	<sup>4</sup> 370	750	650	<sup>4</sup> 35	<sup>4</sup> 80	45	<sup>4</sup> 3.38	2.75	5.00
South Carolina.....	740	1,700	1,000	88	<sup>3</sup> 204	60	2.45	2.15	3.40
North Carolina.....	1,320	1,400	1,200	<sup>3</sup> 112	<sup>3</sup> 252	72	2.52	1.50	4.50
Total or average.....	51,020	64,200	52,400	6,598	8,391	8,960	2.22	2.53	3.43
Late spring:									
Virginia.....	150			13			1.86		
New Jersey.....	1,550	2,100	2,200	<sup>3</sup> 362	525	550	1.73	4.45	3.00
Pennsylvania.....	330	380	430	49	57	60	2.40	3.75	3.45
Idaho.....	450	1,200	800	63	<sup>3</sup> 180	104	1.40	.95	.95
Oregon.....	520	1,350	1,000	60	<sup>3</sup> 223	<sup>3</sup> 170	1.50	1.65	1.30
Washington.....	1,720	1,500	1,650	<sup>3</sup> 379	330	404	1.51	2.20	2.10
Total or average.....	4,720	6,530	6,050	926	1,315	1,288	1.60	2.93	2.37
Summer:									
California.....	21,490	26,700	22,400	3,868	6,008	6,160	2.21	2.50	3.50
Colorado.....	3,840	4,300	4,600	402	452	575	1.49	1.80	2.75
New York.....	3,940	4,400	4,400	879	990	880	1.69	2.35	2.75
Total or average.....	29,260	35,400	31,400	5,148	7,450	7,615	2.06	2.44	3.36
Fall:									
California.....	28,890	35,200	37,500	4,440	5,808	6,237	2.13	2.75	3.00
Oregon.....	1,800	2,800	2,900	<sup>3</sup> 181	<sup>3</sup> 420	<sup>3</sup> 435	1.18	1.20	1.15
Washington.....	690	800	900	<sup>3</sup> 124	180	207	1.60	2.40	1.80
Idaho.....	2,510	4,700	5,600	285	<sup>3</sup> 658	<sup>3</sup> 616	1.08	.90	1.00
New Mexico.....	390	400	300	39	52	45	2.04	2.50	2.75
New Jersey.....	680	700	600	125	140	141	1.52	2.20	1.85
Total or average.....	34,760	44,600	48,100	5,194	7,258	7,681	2.01	2.49	2.72
United States.....	156,420	206,030	188,200	23,575	33,801	34,254	2.05	2.60	3.18

<sup>1</sup> Preliminary.<sup>2</sup> Equivalent western crates (approximately 70 pounds).<sup>3</sup> Includes some quantities not harvested.<sup>4</sup> Average 1939-45.

Bureau of Agricultural Economics.

# LETTUCE AND ONIONS

255

**TABLE 319.—Lettuce, commercial crop: Acreage, yield, production, season average price per crate received by farmers, and value, United States, 1929-47**

Year	Acreage harvested	Yield per acre	Production <sup>1</sup>	Price	Farm value	Year	Acreage harvested	Yield per acre	Production <sup>1</sup>	Price	Farm value
	<i>Acres</i>	<i>Crates</i> <sup>2</sup>	<i>1,000 crates</i> <sup>3</sup>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>Crates</i> <sup>2</sup>	<i>1,000 crates</i> <sup>3</sup>	<i>Dollars</i>	<i>1,000 dollars</i>
1929.....	139,860	143	19,989	1.84	36,784	1939.....	165,700	141	23,362	1.38	30,294
1930.....	171,580	116	19,820	1.72	34,016	1940.....	143,470	154	22,095	1.48	31,526
1931.....	173,300	112	19,344	1.48	28,647	1941.....	156,980	147	23,049	1.67	38,542
1932.....	162,650	110	17,855	1.29	22,442	1942.....	156,290	150	23,427	2.54	59,431
1933.....	141,350	123	17,380	1.30	22,448	1943.....	137,200	178	24,465	3.31	80,861
1934.....	155,630	123	19,106	1.40	26,251	1944.....	167,840	170	28,575	2.61	74,634
1935.....	151,720	127	19,253	1.46	28,142	1945.....	172,850	170	29,406	2.93	86,059
1936.....	164,530	128	21,101	1.46	29,994	1946.....	206,130	164	33,801	2.60	88,686
1937.....	151,750	137	20,740	1.58	32,666	1947 <sup>4</sup> .....	188,200	182	34,284	3.18	108,367
1918.....	147,540	130	19,195	1.52	28,759						

<sup>1</sup> Includes the following quantities not harvested and excluded in computing value: 471,000 crates in 1932, 90,000 in 1933, 300,000 in 1934, 501,000 in 1936, 110,000 in 1937, 282,000 in 1938, 1,397,000 in 1939, 735,000 in 1940, 42,000 in 1943, 173,000 in 1944, 29,000 in 1945, 831,000 in 1946, and 202,000 in 1947.

<sup>2</sup> Equivalent western crates (approximately 70 pounds).

<sup>3</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1918-28 in Agricultural Statistics, 1942, table 367.

**TABLE 320.—Onions, commercial crop: Stocks, acreage, yield, production, season average price per 50-pound sack received by farmers, value, and foreign trade, United States, 1929-47**

Year	Stocks Jan. 1 <sup>1</sup>	Acreage harvested	Yield per acre	Production <sup>2</sup>	Price	Farm value	Foreign trade, year beginning July <sup>3</sup>	
							Domestic exports	Imports
	<i>1,000 sacks</i> <sup>4</sup>	<i>Acres</i>	<i>Sacks</i> <sup>4</sup>	<i>1,000 sacks</i> <sup>4</sup>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 sacks</i> <sup>4</sup>	<i>1,000 sacks</i> <sup>4</sup>
1929.....	4,046	104,190	292	30,468	0.74	22,438	700	1,046
1930.....	6,830	96,450	319	30,785	.48	14,765	690	244
1931.....	7,228	101,890	224	22,827	.93	20,502	360	758
1932.....	3,832	124,950	250	31,298	.41	12,222	616	84
1933.....	8,272	107,560	235	25,241	.64	16,142	428	92
1934.....	6,288	116,780	233	27,203	.67	18,200	348	288
1935.....	6,096	146,370	202	29,529	.71	20,533	786	82
1936.....	7,378	175,280	198	34,688	.43	13,961	836	116
1937.....	7,478	136,710	221	30,240	.66	19,608	938	78
1938.....	6,498	140,770	219	30,846	.55	16,553	914	94
1939.....	7,166	132,910	273	35,311	.44	15,689	1,032	74
1940.....	8,592	110,390	288	31,745	.69	21,859	1,052	30
1941.....	8,270	98,510	308	30,373	1.13	34,218	1,114	104
1942.....	6,834	134,620	279	37,563	1.00	36,259	700	252
1943.....	8,332	110,340	272	29,974	1.67	50,149	803	154
1944.....	5,738	178,640	262	46,753	1.17	53,553	844	55
1945.....	11,519	141,200	259	36,594	1.66	60,360	1,456	457
1946.....	5,925	162,640	313	50,878	.89	42,985	2,458	166
1947 <sup>5</sup> .....	10,944	120,130	306	36,768	1.70	62,413	-----	-----

<sup>1</sup> In the hands of growers and local dealers, from crop of preceding year.

<sup>2</sup> Includes the following quantities not harvested and excluded in computing value: 166,000 sacks in 1929, 86,000 in 1930, 727,000 in 1931, 1,500,000 in 1932, 198,000 in 1934, 534,000 in 1935, 1,849,000 in 1936, 491,000 in 1937, 984,000 in 1938, 609,000 in 1939, 1,217,000 in 1942, 1,154,000 in 1944, 248,000 in 1945, and 2,646,000 in 1946.

<sup>3</sup> Reported in bushels or pounds, converted to sacks at ratio of 57 pounds per bushel and 50 pounds per sack.

<sup>4</sup> Equivalent 50-pound sacks.

<sup>5</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1918-28 in Agricultural Statistics, 1942, table 370; quantities and prices are as of 100-pound sacks in that table.



TABLE 321.—Onions, commercial crop: Acreage, production, and season average price per 50-pound sack received by farmers, by States, average 1936-45, annual 1946 and 1947

Group and State	Acreage			Production			Price for crop of—		
	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 sacks<sup>2</sup></i>	<i>1,000 sacks<sup>2</sup></i>	<i>1,000 sacks<sup>2</sup></i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Early spring: Texas.....	48,090	58,300	36,400	<sup>3</sup> 3,845	4,956	4,004	1.22	1.75	1.30
Late spring:									
California.....	1,730	6,400	4,400	<sup>3</sup> 604	<sup>3</sup> 3,168	2,552	1.17	1.30	1.25
Arizona.....	<sup>4</sup> 1,130	1,300	500	<sup>4</sup> 269	390	310	<sup>4</sup> 2.03	1.70	1.35
Louisiana.....	1,670	2,000	1,800	171	190	162	1.26	2.20	1.70
Texas.....	15,400	12,600	11,200	<sup>3</sup> 1,270	1,323	1,019	1.09	1.35	1.50
Georgia.....	<sup>4</sup> 1,240	1,000	900	<sup>4</sup> 184	140	108	<sup>4</sup> 1.55	1.70	1.35
Total or average.....	20,010	23,300	18,800	2,253	5,211	4,151	1.14	1.39	1.34
Early summer:									
California.....	1,900	( <sup>5</sup> )	( <sup>5</sup> )	<sup>3</sup> 856	( <sup>5</sup> )	( <sup>5</sup> )	.94	( <sup>5</sup> )	( <sup>5</sup> )
New Mexico.....	<sup>4</sup> 370	1,900	400	<sup>4</sup> 146	532	160	<sup>4</sup> 1.98	1.00	1.05
Washington.....	540	650	600	264	292	312	.70	.65	1.30
Iowa.....	480	400	370	154	200	130	1.03	.70	2.35
Oklahoma.....	1,110	1,650	500	100	<sup>3</sup> 132	42	.89	.50	1.15
Kentucky.....	160	100	—	35	22	—	1.17	.70	—
Virginia.....	720	480	450	106	<sup>3</sup> 86	40	1.22	1.00	2.15
New Jersey.....	2,770	2,800	2,500	665	840	650	1.20	1.00	1.80
Total or average.....	7,790	7,980	4,820	2,223	2,104	1,334	1.01	.80	1.64
Late summer:									
Massachusetts.....	2,040	1,200	900	<sup>3</sup> 896	624	472	.94	.70	1.90
New York.....	13,790	15,400	14,000	<sup>3</sup> 6,387	8,624	4,900	1.12	.75	2.10
Pennsylvania.....	380	400	400	122	148	140	1.16	1.25	1.90
Eastern.....	16,200	17,000	15,300	7,405	9,396	5,512	1.10	.75	2.08
Ohio.....	1,530	870	700	514	435	200	1.10	.90	2.30
Indiana.....	2,500	2,100	1,800	977	1,071	846	.97	.65	2.80
Illinois.....	2,280	2,700	2,600	605	864	780	.97	.80	1.90
Michigan.....	9,100	8,600	8,000	3,372	4,730	3,400	1.04	.70	2.20
Wisconsin.....	1,500	2,100	2,100	<sup>3</sup> 558	966	892	.91	.75	1.90
Minnesota.....	3,470	4,400	3,600	1,284	2,200	1,440	.83	.60	2.30
Iowa.....	540	340	380	223	170	228	.82	.65	2.00
Kansas.....	<sup>4</sup> 150	400	180	<sup>4</sup> 90	128	63	<sup>4</sup> 1.02	.75	2.20
Central.....	20,960	21,510	19,360	7,551	10,564	7,849	.97	.69	2.22
Colorado.....	7,910	13,500	11,300	3,791	<sup>3</sup> 7,290	5,650	.72	.60	1.50
Utah.....	1,360	1,500	1,000	653	765	600	.70	.95	2.50
Nevada.....	270	650	550	123	422	330	.84	.85	2.00
California.....	5,200	8,450	4,500	2,134	3,634	1,958	.83	.90	1.75
Idaho.....	3,360	3,700	2,400	<sup>3</sup> 2,020	<sup>3</sup> 2,405	1,860	.55	.50	1.10
Oregon.....	3,500	5,400	4,600	<sup>3</sup> 1,881	<sup>3</sup> 3,402	2,926	.79	.66	1.28
Malheur County.....	<sup>4</sup> 1,960	3,000	2,400	<sup>4</sup> 1,288	<sup>3</sup> 2,010	1,848	<sup>4</sup> .86	.50	1.15
Other.....	<sup>4</sup> 2,220	2,400	2,200	<sup>4</sup> 1,071	1,392	1,078	<sup>4</sup> 1.35	.85	1.50
Washington.....	1,160	1,350	1,100	599	729	594	.65	.50	1.30
Arizona.....	<sup>4</sup> 700	—	—	<sup>4</sup> 157	—	—	<sup>4</sup> .97	—	—
Western.....	22,900	34,550	25,450	11,232	18,647	13,918	.72	.68	1.48
Total or average.....	60,050	73,060	60,110	26,188	38,607	27,279	.88	.71	1.81
United States.....	135,940	162,640	120,130	34,509	50,878	36,768	.94	.89	1.70

<sup>1</sup> Preliminary.<sup>2</sup> Equivalent 50-pound sacks.<sup>3</sup> Includes some quantities not harvested.<sup>4</sup> Average 1943-45 for Arizona and New Mexico; 1939-45 for Georgia; and 1944-45 for Kansas.<sup>5</sup> Shifted to late spring, starting with 1946 crop.

Bureau of Agricultural Economics.

TABLE 322.—*Peas, green, commercial crop: Acreage, yield, production, season average price per bushel and per ton received by farmers, and value, United States, 1929-47*

Year	For fresh market					For processing				
	Acreage harvested	Yield per acre	Production <sup>1</sup>	Price	Farm value	Acreage harvested	Yield per acre	Production	Price	Farm value
	<i>Acres</i>	<i>Bushels<sup>2</sup></i>	<i>1,000 bushels<sup>2</sup></i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Acres</i>	<i>Pounds<sup>3</sup></i>	<i>Tons<sup>4</sup></i>	<i>Dollars</i>	<i>1,000 dollars</i>
1929	64,150	85	5,480	1.66	9,102	232,920	1,750	203,810	57.82	11,784
1930	80,380	86	6,925	1.45	9,862	266,740	1,833	244,470	57.57	14,075
1931	84,350	77	6,457	1.43	9,218	223,350	1,320	147,400	54.53	8,038
1932	111,460	69	7,652	1.25	9,401	187,800	1,245	116,930	43.92	5,135
1933	109,020	84	9,142	.93	8,315	217,430	1,260	136,980	42.48	5,819
1934	97,460	77	7,491	1.38	10,303	249,870	1,324	105,370	50.09	8,288
1935	111,150	79	8,826	1.12	9,779	315,040	1,702	268,100	51.80	13,888
1936	128,720	71	9,189	1.17	10,787	296,850	1,264	187,670	51.57	9,679
1937	111,470	78	8,687	1.14	9,884	334,820	1,602	268,110	52.72	14,136
1938	95,420	83	7,928	1.22	9,698	322,360	1,877	302,540	52.77	15,965
1939	101,400	91	9,229	1.13	10,389	252,430	1,570	198,110	47.25	9,361
1940	92,620	90	8,329	1.11	9,176	330,440	1,854	306,240	48.10	14,730
1941	85,550	93	7,964	1.26	10,072	361,390	1,913	345,620	48.67	16,821
1942	70,980	92	6,557	1.61	10,572	434,120	1,953	423,910	63.71	27,007
1943	63,000	97	6,092	2.30	13,951	432,980	1,903	411,890	80.24	33,051
1944	73,340	84	6,148	2.07	12,617	437,150	1,771	387,200	83.14	32,190
1945	68,630	88	6,045	2.52	14,995	453,240	2,191	496,620	83.26	41,347
1946	6,610	84	5,275	2.04	10,609	493,000	2,119	522,270	86.13	44,982
1947 <sup>5</sup>	44,600	98	4,373	2.17	9,471	427,660	2,043	436,940	87.30	38,155

<sup>1</sup> Includes the following quantities not harvested and excluded in computing value: 110,000 bushels in 1930, 104,000 in 1932, 210,000 in 1933, 117,000 in 1935, 16,000 in 1939, 75,000 in 1940, 24,000 in 1943, 39,000 in 1944, 90,000 in 1945, and 79,000 in 1946.

<sup>2</sup> Approximately 30 pounds, in the shell.

<sup>3</sup> Shelled basis. Two and one-half pounds of peas in the shell produce approximately one pound of shelled peas.

<sup>4</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1918-28 in Agricultural Statistics, 1942, table 375.

TABLE 323.—*Peas, green, commercial crop: Acreage, production, and season average price per bushel and per ton received by farmers, by States, average 1936-45, annual 1946 and 1947*

Utilization, group, and State	Acreage			Production			Price for crop of—		
	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>
For fresh market:									
Winter:									
Florida	4,370	1,600	1,350	1,000 bushels <sup>2</sup>	1,000 bushels <sup>2</sup>	1,000 bushels <sup>2</sup>	Dollars	Dollars	Dollars
Texas	4,470	4,000	2,000	307	118	54	1.84	3.00	2.50
California, Imperial Valley	5,970	5,800	4,000	265	172	120	1.32	1.80	1.65
Total or average	14,810	11,400	7,350	519	464	340	2.38	3.10	2.75
Early spring:									
California	26,090	19,600	12,000	1,986	1,666	1,440	1.70	1.80	2.30
Alabama	40			3			1.10		
Mississippi	1,630	800	300	105	28	15	1.30	2.10	2.55
Georgia	1,690	700	600	93	40	30	1.70	1.45	2.15
South Carolina	3,240	1,500	1,200	154	105	60	1.23	1.25	1.00
North Carolina	2,110	200	100	126	15	5	1.12	1.30	1.60
Virginia	1,220			74			.94		
Total or average	35,500	22,500	14,200	2,513	1,854	1,550	1.59	1.76	2.27

See footnotes at end of table.

TABLE 323.—*Peas, green, commercial crop: Acreage, production, and season average price per bushel and per ton received by farmers, by States, average 1936-45, annual 1946 and 1947—Continued*

Utilization, group, and State	Acreage			Production			Price for crop of—		
	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>
<b>For fresh market—Con.</b>									
Late spring:									
Maryland.....	190			10			1.26		
New Jersey.....	1,930	1,100	1,000	116	88	35	1.68	2.20	2.40
Idaho.....	1,830	2,500	1,200	211	*312	168	.78	.60	1.00
Washington.....	2,400	1,350	1,700	*482	256	374	1.24	1.40	2.10
Nevada.....	*30			*5			.35		
New Mexico.....	*50	400	100	*6	20	7	*5.00	1.80	2.10
Oregon.....		1,000	650		130	110		2.10	2.35
Total or average.....	6,370	6,350	4,650	823	806	694	1.15	1.72	1.85
Summer:									
New York.....	4,860	3,200	2,200	477	384	242	1.51	2.05	2.65
Colorado.....	11,400	12,000	10,000	1,162	900	900	1.06	1.55	1.50
Utah.....	660	60		*80	4		1.08	2.50	
Idaho.....	2,800	300	300	244	15	21	1.10	.30	.50
Oregon.....	860			101			1.64		
Total or average.....	20,570	15,560	12,500	2,063	1,303	1,163	1.18	1.69	1.72
Early fall:									
California, other	8,000	3,000	3,600	937	330	360	2.20	3.45	3.00
New Mexico.....	360			25			1.45		
Arizona.....	150			18			1.51		
Total or average.....	8,520	3,000	3,600	980	330	360	2.18	3.45	3.00
Late fall: California, Imperial Valley...	3,340	3,800	2,300	147	228	92	2.36	2.90	3.50
United States.....	89,110	62,610	44,600	7,617	5,275	4,373	1.54	2.04	2.17
<b>For processing:</b>									
Maine.....	4,500	6,860	6,580	3,940	4,600	4,340	67.20	90.00	85.60
New York.....	36,860	40,600	19,900	28,500	49,130	15,820	66.40	88.90	82.80
New Jersey.....	3,940	4,750	4,470	3,400	5,890	3,560	86.50	115.00	108.00
Pennsylvania.....	10,820	18,200	15,300	10,800	27,660	16,600	69.10	89.90	93.80
Ohio.....	5,810	6,700	2,400	4,190	6,300	1,340	56.00	81.00	77.50
Indiana.....	9,600	7,900	3,200	7,260	8,220	2,460	53.90	86.80	77.60
Illinois.....	17,820	21,300	17,900	16,170	21,300	22,910	63.20	87.60	90.70
Michigan.....	11,280	12,000	7,000	8,710	11,640	3,850	58.10	80.50	79.90
Wisconsin.....	119,340	147,220	136,500	102,550	153,110	144,010	60.60	83.70	83.10
Minnesota.....	28,320	41,300	42,700	25,460	37,380	40,350	60.80	90.70	91.90
Iowa.....	2,950	4,900	3,600	2,690	5,710	1,980	60.70	80.40	81.30
Maryland.....	15,160	12,200	11,400	12,520	15,130	9,920	67.00	91.10	83.90
Delaware.....	3,460	3,400	1,400	2,080	3,770	750	67.30	91.20	95.70
Virginia.....	3,900	2,600	2,600	2,600	1,860	980	66.30	89.80	86.16
Idaho.....	1,870	6,400	8,400	2,860	7,040	12,180	58.00	82.50	93.80
Colorado.....	4,110	4,100	4,000	3,800	2,910	4,280	51.50	73.10	77.80
Utah.....	13,900	13,700	11,800	19,090	17,260	19,060	58.30	76.50	86.90
Washington.....	32,820	66,300	61,100	35,630	73,590	62,020	60.80	91.10	97.80
Oregon.....	27,640	58,400	57,000	29,960	57,520	60,990	58.20	81.10	83.20
California.....	3,580	6,690	4,160	3,170	5,620	3,890	51.10	77.30	76.80
Other States <sup>2</sup> .....	7,900	7,480	6,850	7,410	6,630	5,630	56.98	81.60	81.20
Total or average.....	365,580	493,000	427,660	332,790	522,270	436,940	61.14	86.13	87.30
<b>For freezing:</b>									
For canning and other processing.....	*41,380	92,700	78,840	*36,750	94,120	74,930	*74.14	93.36	94.13
Grand total.....	*344,580	400,300	348,820	*330,340	428,150	362,010	*63.90	84.54	85.92
	454,690	555,610	472,260	378,490	553,920	463,180	*86.06	*100.25	*102.83

<sup>1</sup> Preliminary.<sup>2</sup> Approximately 30 pounds, in the shell.<sup>3</sup> Includes some quantities not harvested.<sup>4</sup> Average 1939-45 for Georgia; less than 10 years for other States.<sup>5</sup> Shelled basis. Two and one-half pounds of peas in the shell produce approximately one pound of shelled peas.<sup>6</sup> Arkansas, Georgia, Kansas, Montana, Nebraska, Oklahoma, Tennessee, Texas, and Wyoming.<sup>7</sup> Average 1939-45.<sup>8</sup> Derived price per ton on shelled basis.

Bureau of Agricultural Economics.

## GREEN PEPPERS

259

TABLE 324.—Peppers, green, commercial crop: Acreage, yield, production, season average price per bushel received by farmers, and value, United States, 1929-47

Year	Acreage harvested	Yield per acre	Production <sup>1</sup>	Price	Farm value	Year	Acreage harvested	Yield per acre	Production <sup>1</sup>	Price	Farm value
	<i>Acres</i>	<i>Bushels<sup>2</sup></i>	<i>1,000 bushels<sup>2</sup></i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>Bushels<sup>2</sup></i>	<i>1,000 bushels<sup>2</sup></i>	<i>Dollars</i>	<i>1,000 dollars</i>
1929.....	16,400	230	3,775	1.11	4,191	1939.....	23,280	247	5,740	0.86	4,917
1930.....	19,590	221	4,335	.94	4,055	1940.....	22,210	227	5,042	.86	4,321
1931.....	17,900	252	4,507	.77	3,443	1941.....	23,920	204	4,874	.95	4,651
1932.....	17,020	224	3,819	.72	2,747	1942.....	21,330	230	4,896	1.30	6,345
1933.....	18,650	251	4,674	.52	2,418	1943.....	23,440	206	4,828	2.31	11,154
1934.....	18,350	199	3,648	.67	2,442	1944.....	25,700	211	5,414	1.73	9,259
1935.....	17,870	206	3,680	.76	2,814	1945.....	28,230	232	6,563	2.03	13,322
1936.....	20,320	233	4,735	.62	2,874	1946.....	32,800	231	7,572	1.80	12,836
1937.....	20,600	233	4,805	.73	3,518	1947 <sup>3</sup> .....	30,550	193	5,895	2.34	13,664
1938.....	22,560	241	5,447	.63	3,422						

<sup>1</sup> Includes the following quantities not harvested and excluded in computing value: 58,000 bushels in 1931, 115,000 in 1936, 68,000 bushels in 1944, 5,000 in 1945, 399,000 in 1946, and 55,000 in 1947.

<sup>2</sup> Approximately 25 pounds.

<sup>3</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1921-28 in Agricultural Statistics, 1942, table 378.

TABLE 325.—Peppers, green, commercial crop: Acreage, production, and season average price per bushel received by farmers, by States, average 1936-45, annual 1946 and 1947

Group and State	Acreage			Production			Price for crop of—		
	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 bushels<sup>2</sup></i>	<i>1,000 bushels<sup>2</sup></i>	<i>1,000 bushels<sup>2</sup></i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Winter: Florida.....	2,610	3,800	3,550	765	1,357	1,172	1.97	2.50	3.75
Spring: Florida.....	2,910	6,000	5,400	772	1,428	594	1.61	2.45	5.20
Early summer:									
Louisiana.....	1,280	1,650	1,650	237	200	280	1.26	2.20	2.80
Mississippi.....	260	900	800	36	117	100	1.12	1.75	2.30
Georgia.....	30			6			.89		
North Carolina.....	2,090	3,600	3,300	334	594	412	.99	1.45	1.35
South Carolina.....	100			16			.94		
Total or average.....	3,770	6,150	5,750	630	911	792	1.10	1.65	1.92
Late summer:									
New Jersey.....	7,590	9,000	9,300	1,706	1,935	1,767	.74	1.40	1.10
California.....	2,200	2,800	2,850	631	924	940	1.22	1.40	1.50
Total or average.....	9,790	11,800	12,150	2,337	2,859	2,707	.87	1.40	1.24
Fall:									
Florida.....	1,840	1,650	500	391	371	70	1.70	2.00	3.75
Texas.....	2,240	3,400	3,200	339	646	500	1.09	1.20	2.05
Total or average.....	4,080	5,050	3,700	730	1,017	630	1.41	1.48	2.24
United States.....	23,160	32,800	30,550	5,234	7,572	5,895	1.20	1.80	2.34

<sup>1</sup> Preliminary.

<sup>2</sup> Approximately 25 pounds.

<sup>3</sup> Includes some quantities not harvested.

Bureau of Agricultural Economics.

TABLE 326.—*Pimientos, commercial crop for processing: Acreage, yield, production, season average price per ton received by farmers, and value, California and Georgia, 1929-47*

Year	Acreage harvested	Yield per acre	Production	Price	Farm value	Year	Acreage harvested	Yield per acre	Production	Price	Farm value
	Acres	Tons	Tons	Dollars	1,000 dollars		Acres	Tons	Tons	Dollars	1,000 dollars
1929.....	9,020	2.15	19,350	36.90	714	1939.....	22,090	1.05	23,210	28.13	653
1930.....	8,940	1.72	15,340	37.68	578	1940.....	15,490	.84	13,030	27.65	360
1931.....	6,740	1.34	9,050	33.15	300	1941.....	12,740	.87	11,140	33.75	376
1932.....	8,910	1.72	15,340	31.10	477	1942.....	11,440	1.28	14,650	41.84	613
1933.....	5,780	1.34	7,750	28.26	219	1943.....	8,890	.96	8,570	50.06	429
1934.....	9,540	1.65	17,770	29.68	468	1944.....	6,460	1.33	8,580	55.13	473
1935.....	13,560	1.44	19,570	30.35	594	1945.....	8,880	1.42	12,650	60.00	759
1936.....	11,090	1.26	14,020	29.96	420	1946.....	13,770	1.68	23,160	60.10	1,392
1937.....	12,190	1.56	19,030	33.68	641	1947 <sup>1</sup> .....	16,660	1.10	18,320	60.10	1,101
1938.....	26,390	1.47	38,840	33.16	1,288						

<sup>1</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1926-28 in Agricultural Statistics 1942, table 380.

TABLE 327.—*Pimientos, commercial crop for processing: Acreage, production, and season average price per ton received by farmers, by States, average 1936-45, annual 1946 and 1947*

State	Acreage			Production			Price for crop of—		
	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>
	Acres	Acres	Acres	Tons	Tons	Tons	Dollars	Dollars	Dollars
California.....	780	770	660	2,970	4,700	2,640	40.60	60.50	60.50
Georgia.....	12,790	13,000	16,000	13,400	18,460	15,680	39.00	60.00	60.00
Total.....	13,570	13,770	16,660	16,370	23,160	18,320	39.34	60.10	60.10

<sup>1</sup> Preliminary.

Bureau of Agricultural Economics.

TABLE 328.—*Potatoes: Production, disposition, and merchantable stocks, United States, 1937-47 (unrevised)*

Crop of—	Production <sup>1</sup>	Fed to livestock, shrinkage, and loss after harvest	Used in farm household	Used for seed on farms where grown <sup>2</sup>	Sold	Merchantable stocks on hand Jan. 1 of succeeding year <sup>3</sup>
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1937.....	376,445	26,570	65,199	30,754	253,925	112,936
1938.....	355,848	30,340	64,884	28,689	231,935	105,750
1939.....	342,420	24,319	60,709	27,374	230,018	97,216
1940.....	375,774	28,948	62,180	25,896	258,750	111,272
1941.....	355,602	27,055	60,456	26,193	241,898	104,288
1942.....	370,489	23,565	58,853	27,411	260,660	100,780
1943.....	464,999	43,108	63,073	22,636	336,182	134,020
1944.....	383,134	24,729	51,431	20,672	286,302	103,880
1945.....	418,765	27,887	50,746	18,355	321,827	120,490
1946.....	484,174	30,180	50,205	15,707	388,022	152,170
1947 <sup>4</sup> .....	384,407	19,246	40,501	16,579	308,081	118,420

<sup>1</sup> These production figures are unrevised and do not agree with similar data in other tables.<sup>2</sup> Relates to quantities used on farms where produced. Additional quantities of purchased potatoes are so utilized.<sup>3</sup> Merchantable stocks consist of potatoes held by growers, local dealers, and buyers on farms or near areas of production in the 37 late and intermediate States for sale or delivery after Dec. 31. They include potatoes held for sale or delivery to starch factories and other processors.<sup>4</sup> Included under sales are potatoes grading U. S. No. 2 or better, utilized under the Government diversion program as follows: 1937—in Maine, 2,379,000 bushels diverted to starch factories; in other States, 6,372,000 bushels diverted to livestock feed; 1940—5,263,000 bushels diverted to livestock feed.<sup>5</sup> Includes undetermined quantities diverted under Government programs to starch, dehydration, livestock feed, etc.<sup>6</sup> Preliminary.

Bureau of Agricultural Economics.

POTATOES

261

TABLE 329.—Potatoes: Acreage, production, value, and foreign trade, United States, 1929-47

Year	Acreage planted	Acreage harvested	Yield per harvested acre	Production <sup>1</sup>	Season average price per bushel received by farmers	Farm value	Whole-sale price per bushel at New York <sup>2</sup>	Foreign trade, year beginning July		
								Domestic exports <sup>3</sup>	Imports <sup>4</sup>	Net <sup>5</sup>
	1,000 acres	1,000 acres	Bushels	1,000 bushels	Dollars	1,000 dollars	Dollars	1,000 bushels	1,000 bushels	1,000 bushels
1929		2,944	109.5	322,416						
1929	3,068	3,030	110.0	333,392	1.316	438,633	1.80	2,386	6,006	-3,521
1930	3,190	3,139	109.5	343,817	.912	313,609	1.18	1,548	5,729	-4,155
1931	3,550	3,490	110.1	384,317	.460	176,932	.65	816	1,493	-585
1932	3,639	3,558	105.0	374,692	.380	141,458	.64	973	440	534
1933	3,496	3,423	100.3	343,203	.824	282,939	1.18	721	<sup>6</sup> 2,102	-1,381
1934		3,582	112.6	403,480						
1934	3,789	3,599	112.9	406,482	.446	181,144	.58	1,218	532	686
1935	3,558	3,469	109.2	378,895	.593	224,509	1.06	1,790	864	926
1936	3,127	2,960	109.4	323,955	1.142	370,051	1.37	1,315	1,384	-69
1937	3,119	3,055	123.2	376,448	.529	199,086	.75	2,079	683	1,396
1938	2,944	2,870	124.0	355,848	.557	198,221	.88	2,703	1,014	1,689
1939		2,644	120.4	318,266						
1939	2,867	2,813	121.7	342,372	.697	237,781	1.15	2,519	1,874	645
1940	2,886	2,832	133.1	376,920	.641	203,748	.65	2,495	930	1,565
1941	2,749	2,693	132.1	355,697	.808	287,422	1.10	2,595	592	2,003
1942	2,755	2,671	138.1	368,899	1.17	431,491	1.48	1,278	1,120	158
1943	3,355	3,239	141.7	458,887	1.31	601,405	1.67	2,531	1,491	1,040
1944		2,537	149.5	396,547						
1944	2,885	2,786	137.6	383,424	1.50	573,398	1.95	2,097	9,126	-7,029
1945	2,706	2,700	155.1	418,765	1.43	597,686	1.80	14,025	1,803	12,222
1946	2,645	2,598	186.3	484,174	1.24	598,862	1.58	13,100	4,604	8,496
1947 <sup>7</sup>	2,147	2,112	182.0	384,407	1.63	626,896	2.02			

<sup>1</sup> Includes the following quantities unharvested or not marketed on account of economic conditions (1,000 bushels): 1931—66; 1932—2,175; 1939—1,240; 1943—440; 1946—1,504. Price and value apply only to the harvested portion of the crop except in 1946 when the unharvested quantity was purchased by the Government under price-support program.

<sup>2</sup> Prices of eastern potatoes, weighted by unloads, season September-May, from records of the Production and Marketing Administration.

<sup>3</sup> Compiled from Monthly Summary of Foreign Commerce of the United States, January and June issues, and official records of the Department of Commerce.

<sup>4</sup> The difference between total exports (domestic exports plus reexports) and total imports; beginning 1933 domestic exports minus imports for consumption;—indicates net imports.

<sup>5</sup> Beginning 1933 imports for consumption.

<sup>6</sup> Preliminary.

Bureau of Agricultural Economics. Italic figures are census returns. Data for 1899-1928 in Agricultural Statistics, 1942, table 383.

TABLE 330.—Potatoes: Acreage, yield, production, and season average price per bushel received by farmers, by States, average 1936-45, annual 1946 and 1947<sup>1</sup>

Group and State	Acreage harvested			Yield per acre			Production			Price for crop of—		
	Average 1936-45	1946	1947 <sup>2</sup>	Average 1936-45	1946	1947 <sup>2</sup>	Average 1936-45	1946	1947 <sup>2</sup>	Average 1936-45	1946	1947 <sup>2</sup>
	1,000 acres	1,000 acres	1,000 acres	Bush- els	Bush- els	Bush- els	1,000 bushels	1,000 bushels	1,000 bushels	Dol- lars	Dol- lars	Dol- lars
Early:												
North Carolina <sup>3</sup>	85	83	72	100	152	128	8,453	12,616	9,216	1.06	1.20	1.59
South Carolina	24	24	20	105	149	122	2,541	3,576	2,440	1.19	1.55	1.68
Georgia	23	23	18	62	83	79	1,450	1,909	1,422	1.19	1.63	1.87
Florida	31.6	39.3	26.6	126	159	123	3,973	6,249	3,272	1.44	1.97	1.59
Tennessee	42	37	30	75	92	96	3,121	3,404	2,880	1.10	1.38	1.60
Alabama	48	46	37	89	101	90	4,288	4,646	3,330	.96	1.30	1.46
Mississippi	24	27	20	65	80	73	1,576	2,160	1,460	1.06	1.44	1.56
Arkansas	42	37	28	77	89	90	3,226	3,293	2,520	1.09	1.33	1.56
Louisiana	45	40	31	61	57	53	2,725	2,280	1,643	1.05	1.37	1.60
Oklahoma	28	20	15	68	75	69	1,948	1,500	1,035	.99	1.49	1.54
Texas	62	53	42	76	111	108	4,009	5,883	4,536	1.39	1.39	1.69
California <sup>4</sup>	41	81	62	315	410	420	13,016	33,210	26,040	1.00	1.25	1.60
Total	486.7	510.3	401.6	103.0	158.2	148.9	50,327	80,726	59,794	1.10	1.35	1.60
Intermediate:												
New Jersey	59	68	60	170	207	219	9,988	14,076	13,140	.97	1.15	1.42
Delaware	4.2	3.4	3.2	84	104	105	356	354	336	1.17	1.42	1.60
Maryland	21.6	17.0	14.1	103	132	148	2,246	2,244	2,087	1.10	1.33	1.58
Virginia <sup>4</sup>	76	68	63	114	157	150	8,706	10,676	9,450	1.07	1.26	1.65
Kentucky	43	37	34	82	108	99	3,540	3,996	3,366	1.12	1.39	1.67
Missouri	40	26	20	98	129	106	3,910	3,354	2,120	.98	1.27	1.51
Kansas	25	16	12	87	102	99	2,200	1,632	1,188	.93	1.21	1.32
Arizona	2.9	6.8	6.0	172	270	290	588	1,836	1,740	1.21	1.46	1.80
Total	272.0	242.2	212.3	116.1	157.6	157.5	31,533	38,168	33,427	1.02	1.25	1.54
Surplus late:												
Maine	170	219	182	278	358	345	47,572	78,402	62,790	.85	1.08	1.47
New York, Long Island	56	72	61	226	330	330	12,616	23,760	20,130	1.07	1.27	1.53
New York, up-State	145	104	81	110	185	160	15,760	19,240	12,960	1.07	1.27	1.53
Pennsylvania	168	127	109	120	158	165	20,184	20,066	17,985	1.16	1.45	1.75
Total	539	522	433	178.2	271.0	263.0	96,133	141,468	113,865	.973	1.19	1.53
Michigan	208	149	118	101	123	105	20,976	18,327	12,390	.96	1.22	1.75
Wisconsin	179	113	96	82	105	105	14,593	11,865	10,080	.92	1.27	1.65
Minnesota	218	151	121	87	115	120	18,839	17,365	14,520	.85	1.18	1.55
North Dakota	145	150	134	105	125	150	15,616	18,750	20,100	.77	1.06	1.45
South Dakota	30	29	25	68	98	80	2,107	2,842	1,840	.96	1.50	2.10
Total	780	592	492	93.1	116.8	119.8	72,131	69,149	58,930	.871	1.19	1.59
Nebraska	76	67	52	128	175	155	9,657	11,725	8,060	.89	1.03	1.57
Montana	16	17	13	108	130	140	1,798	2,210	1,820	1.04	1.48	1.95
Idaho	143	178	130	229	255	220	32,797	45,390	28,690	.70	.90	1.70
Wyoming	15.9	12.4	12.4	132	205	200	2,011	2,542	2,480	.99	1.03	1.95
Colorado	82	86	74	182	230	260	14,871	19,780	19,240	.90	1.12	1.70
Utah	14.5	18.0	13.5	167	185	185	2,419	3,330	2,498	.89	1.28	1.95
Nevada	2.6	3.2	2.3	179	210	210	467	672	483	1.06	1.36	2.30
Washington	39	44	34	209	230	260	8,120	10,120	8,840	1.00	1.29	1.49
Oregon	40	52	39	211	260	260	8,620	13,520	10,140	1.04	1.36	1.95
California <sup>4</sup>	36	38	34	292	345	330	10,574	13,110	11,220	1.06	1.57	1.83
Total	465.4	515.6	404.2	195.6	237.4	231.0	91,334	122,399	93,381	.870	1.13	1.73
Total surplus late	1,784.8	1,629.6	1,329.2	145.6	204.4	200.3	259,598	333,016	266,176	.908	1.17	1.62



TABLE 330.—Potatoes: Acreage, yield, production, and season average price per bushel received by farmers, by States, average 1936-45, annual 1946 and 1947<sup>1</sup>—Continued

Group and State	Acreage harvested			Yield per acre			Production			Price for crop of—		
	Average 1936-45	1946	1947 <sup>2</sup>	Average 1936-45	1946	1947 <sup>2</sup>	Average 1936-45	1946	1947 <sup>2</sup>	Average 1936-45	1946	1947 <sup>2</sup>
	1,000 acres	1,000 acres	1,000 acres	Bush- els	Bush- els	Bush- els	1,000 bushels	1,000 bushels	1,000 bushels	Dol- lars	Dol- lars	Dol- lars
Other late:												
New Hampshire.....	7.8	6.1	4.7	152	205	190	1,192	1,250	893	1.27	1.64	2.03
Vermont.....	12.8	8.7	7.2	132	160	150	1,694	1,392	1,080	1.24	1.63	2.12
Massachusetts.....	18.8	21.2	16.3	146	170	195	2,749	3,604	3,178	1.25	1.69	1.95
Rhode Island.....	5.1	8.1	6.3	192	215	240	981	1,742	1,512	1.23	1.57	1.85
Connecticut.....	17.2	18.3	13.7	177	240	250	3,043	4,392	3,425	1.25	1.54	1.90
West Virginia.....	32	26	25	92	110	135	2,935	2,860	3,375	1.24	1.73	1.85
Ohio.....	91	54	42	105	140	130	9,539	7,560	5,460	1.24	1.73	2.00
Indiana.....	46	28	25	108	160	150	4,946	4,480	3,750	1.19	1.60	2.04
Illinois.....	34	18	12	82	98	88	2,754	1,764	1,056	1.27	1.65	2.15
Iowa.....	50	24	13	92	120	75	4,524	2,880	975	1.14	1.65	2.15
New Mexico.....	3.9	4.0	3.6	78	85	85	306	340	306	1.18	1.57	1.87
Total.....	318.2	216.4	168.8	109.8	149.1	148.2	34,663	32,264	25,010	1.22	1.65	1.97
29 late States.....	2,103.0	1,846.0	1,498.0	140.4	197.9	194.4	294,261	365,280	291,186	.941	1.21	1.65
37 late and intermediate States.....	2,375.1	2,088.2	1,710.3	137.6	193.2	189.8	325,794	403,448	324,613	.948	1.21	1.64
United States.....	2,861.8	2,598.5	2,111.9	131.6	186.3	182.0	376,122	484,174	384,407	.968	1.24	1.63

<sup>1</sup> Early and late crops shown separately for California; combined for all other States.

<sup>2</sup> Preliminary.

<sup>3</sup> For 1946, estimates include 125,000 bushels from 455 acres in Virginia and 1,379,000 bushels from 4,470 acres in North Carolina unharvested but purchased by the Government under price-support program.

Bureau of Agricultural Economics.

TABLE 331.—Potatoes, early commercial crop for market: Acreage, yield, production, season average price per bushel received by farmers, and value, United States, 1929-47<sup>1</sup>

Year	Acreage har- vested	Yield per acre	Pro- duc- tion <sup>2</sup>	Price	Farm value	Year	Acreage har- vested	Yield per acre	Pro- duc- tion <sup>2</sup>	Price	Farm value
	Acres	Bushels <sup>3</sup>	1,000 bushels <sup>3</sup>	Dollars	1,000 dollars		Acres	Bushels <sup>3</sup>	1,000 bushels <sup>3</sup>	Dollars	1,000 dollars
1929.....	275,500	132	36,402	1.28	46,471	1930.....	321,200	145	46,617	0.71	32,000
1930.....	329,200	134	44,096	1.12	49,372	1940.....	321,800	158	50,748	.67	33,991
1931.....	350,400	133	46,559	.63	29,294	1941.....	343,800	143	49,303	.67	33,115
1932.....	280,900	122	34,137	.59	20,131	1942.....	314,700	154	48,471	1.15	55,649
1933.....	263,400	121	31,991	1.03	32,965	1943.....	377,100	163	61,442	1.46	89,638
1934.....	321,000	136	43,707	.56	24,260	1944.....	375,700	140	52,574	1.51	79,230
1935.....	282,900	139	39,333	.51	20,133	1945.....	358,000	182	65,247	1.67	109,141
1936.....	278,900	136	37,931	1.33	50,415	1946.....	384,500	223	85,863	1.28	110,115
1937.....	351,500	145	51,091	.63	32,161	1947 <sup>4</sup> .....	306,700	216	66,159	1.54	102,140
1938.....	323,300	159	51,453	.55	28,486						

<sup>1</sup> These data are included in table 329 on total potatoes.

<sup>2</sup> Includes the following quantities not harvested or not marketed and excluded in computing value: 66,000 bushels in 1931, 71,000 in 1937, and 1,240,000 in 1939.

<sup>3</sup> 60 pounds.

<sup>4</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1918-28 in Agricultural Statistics, 1942, table 885.

TABLE 332.—Potatoes, early commercial crop: Acreage, yield, production, and season average price per bushel received by farmers, by States, average 1936-45, annual 1946 and 1947<sup>1</sup>

Group and State	Acreage			Yield per acre			Production			Price for crop of—		
	Average 1936-45	1946	1947 <sup>2</sup>	Average 1936-45	1946	1947 <sup>2</sup>	Average 1936-45	1946	1947 <sup>2</sup>	Average 1936-45	1946	1947 <sup>2</sup>
Winter:												
Texas.....	2,080	800	1,100	Bush- cls <sup>3</sup> 54	Bush- cls <sup>3</sup> 60	Bush- cls <sup>3</sup> 55	1,000 bushcls <sup>3</sup> 108	1,000 bushcls <sup>3</sup> 48	1,000 bushcls <sup>3</sup> 60	Dol- lars 1.42	Dol- lars 1.80	Dol- lars 1.55
Florida.....	9,750	13,600	10,300	141	175	121	1,401	2,380	1,246	1.59	2.30	2.00
Total or average.....	11,830	14,400	11,400	126	169	115	1,508	2,428	1,306	1.58	2.29	1.98
Early spring:												
Florida.....	18,010	21,700	12,800	128	167	139	2,276	3,630	1,782	1.33	1.73	1.30
Hastings.....	13,260	12,400	9,500	134	190	149	1,747	2,356	1,416	1.35	1.85	1.30
Other.....	4,750	9,300	3,300	111	137	111	529	1,274	366	1.28	1.50	1.30
Texas.....	8,440	13,200	9,600	89	100	120	723	1,320	1,152	1.73	1.85	2.25
Total or average.....	26,450	34,900	22,400	114	142	131	2,999	4,950	2,634	1.42	1.76	1.67
Late spring:												
California.....	41,100	81,000	62,000	315	410	420	13,016	33,210	26,040	1.00	1.25	1.60
Louisiana.....	25,550	22,500	16,000	72	60	60	1,839	1,350	960	1.04	1.30	1.60
Mississippi.....	3,990	4,100	2,500	88	100	80	342	410	200	.95	1.15	1.20
Alabama.....	23,890	24,000	18,700	119	128	107	2,768	3,072	2,001	.94	1.25	1.40
Georgia.....	2,860	1,900	1,800	112	180	125	302	342	225	1.14	1.20	1.60
South Carolina.....	13,900	12,000	11,000	134	200	160	1,853	2,400	1,760	1.16	1.50	1.65
Texas.....	9,130	8,700	7,400	82	67	75	555	583	555	1.16	1.15	1.50
Oklahoma.....	4,810	1,200	700	91	100	85	449	120	60	.87	1.15	1.30
Arkansas.....	5,340	5,500	3,700	88	95	95	464	522	352	.96	1.15	1.35
Tennessee.....	4,210	5,800	4,400	105	125	125	448	725	550	.99	1.15	1.50
North Carolina.....	35,250	36,000	29,000	132	225	170	4,652	8,100	4,930	1.04	1.15	1.50
Total or average.....	170,030	202,700	157,200	156	251	239	26,687	50,834	37,633	1.02	1.24	1.57
Summer:												
Virginia.....	42,500	37,700	33,900	138	197	183	5,911	7,423	6,210	1.05	1.20	1.65
Norfolk District.....	8,870	8,400	7,500	147	188	200	1,306	1,579	1,500	1.04	1.17	1.68
Eastern Shore.....	31,900	28,300	25,500	137	200	178	4,396	5,660	4,539	1.05	1.21	1.64
Other.....	1,730	1,000	900	121	184	190	210	184	171	1.03	1.15	1.65
Maryland.....	5,940	6,700	5,500	136	175	200	818	1,172	1,100	1.07	1.25	1.50
Kentucky.....	4,190	3,700	3,700	114	200	180	463	740	666	1.02	1.25	1.60
Missouri.....	4,970	3,500	2,000	154	250	160	781	875	320	.89	1.20	1.40
Kansas.....	8,630	4,600	3,400	137	200	190	1,198	920	646	.89	1.20	1.25
Nebraska.....	4,940	5,800	4,400	226	200	240	1,052	1,160	1,056	.85	1.20	1.25
Texas.....	6,890	9,600	7,200	203	260	235	1,390	2,496	1,692	1.13	1.20	1.35
Georgia.....	1,590	1,900	1,600	110	95	110	175	186	176	1.11	1.50	1.85
New Jersey.....	51,010	59,000	54,000	176	215	230	8,922	12,685	12,420	.95	1.15	1.40
Total or average.....	128,290	132,500	115,700	158	209	210	20,293	27,651	24,286	.98	1.18	1.46
United States	336,600	384,500	306,700	152	223	216	51,488	85,863	66,159	1.04	1.28	1.54

<sup>1</sup> These data are included in table 330 on total potatoes.<sup>2</sup> Preliminary.<sup>3</sup> 60 pounds.<sup>4</sup> Includes some quantities not harvested.<sup>5</sup> For 1946, estimates include 1,379,000 bushels from 4,470 acres in North Carolina and 125,000 bushels from 455 acres in Virginia unharvested and purchased by the Government under the price-support program.<sup>6</sup> Average 1939-45.

Bureau of Agricultural Economics.

TABLE 333.—Potatoes: United States production of certified and war approved seed, by varieties, average 1936-45, annual 1940-47

Variety	Average 1936- 45, certi- fied	1940	1941	1942	1943		1944		1945		1946	1947 <sup>1</sup>
					Certi- fied	War ap- proved <sup>1</sup>	Certi- fied	War ap- proved <sup>1</sup>	Certi- fied	War ap- proved <sup>1</sup>		
	1,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.
Cobbler.....	5,835	4,889	4,551	5,911	7,808	5,616	8,224	1,654	8,567	4,260	12,227	10,434
Green Mountain.....	3,043	2,960	2,781	2,393	3,126	169	4,318	15	3,377	24	3,486	3,312
Triumph.....	3,732	4,088	3,786	3,851	5,664	4,795	5,552	1,601	6,197	1,461	5,560	5,771
Russet Rural.....	457	512	429	416	480	183	537	50	563	21	764	627
Russet Burbank <sup>2</sup> .....	1,090	863	783	760	1,485	295	1,783	231	2,985	518	2,492	2,250
Spaulding Rose.....	<sup>4</sup> 138	36	20	14	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Early Ohio.....	247	429	291	174	251	243	238	99	130	86	168	503
Rural New Yorker <sup>3</sup> .....	112	136	111	90	83	67	74	6	35	2	41	30
Katahdin.....	2,318	2,117	2,098	2,972	4,681	227	4,443	40	4,917	76	8,358	11,129
Chippewa.....	933	973	649	1,300	1,253	164	1,847	90	1,504	252	1,800	2,844
White Rose.....	802	770	830	412	1,118	288	1,537	110	2,196	277	3,748	3,434
Burbank.....	90	97	82	66	184	46	213	13	67	26	23	45
Sebago.....	<sup>4</sup> 1,059	189	481	994	1,617	66	1,833	40	1,239	43	1,609	1,258
Houma <sup>2</sup> .....	<sup>4</sup> 187	70	268	276	204	4	195	4	107	9	69	118
Sequoia <sup>2</sup> .....	<sup>4</sup> 85	2	20	38	148	1	206	2	98	5	110	110
Red McClure.....	<sup>4</sup> 519	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	330	272	696	138	539	448	568	852
Pontiac.....	<sup>4</sup> 188	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	129	51	252	232	328	1,133	414	253
Kasota.....	<sup>4</sup> 22	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	15	74	13	15	39	14	17	3
Menominee.....	<sup>4</sup> 27	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	-----	-----	13	-----	41	-----	57	22
Warba.....	<sup>4</sup> 100	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	170	41	112	8	67	36	40	101
Red Warba.....	<sup>4</sup> 163	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	157	86	250	209	192	347	338	546
Other varieties.....	374	600	352	825	159	29	161	16	103	14	518	643
Total.....	20,324	18,731	17,532	20,492	29,071	12,717	32,497	4,573	33,291	9,052	42,407	44,285

<sup>1</sup> War-approved seed potatoes are a new grade, established in 1943 by State certification agencies in conjunction with the War Food Administration. Tolerances allowed on this grade are greater than those established for the certified grade.

<sup>2</sup> Preliminary.

<sup>3</sup> Also called Netted Gem.

<sup>4</sup> Short-time average.

<sup>5</sup> Included in "Other varieties."

<sup>6</sup> Also called White Rural or Smooth Rural.

<sup>7</sup> Some of the production prior to 1940 may be included in "Other varieties."

Bureau of Agricultural Economics. See table 336 for data on a State basis.

TABLE 334.—Potatoes: Canadian production of certified seed in New Brunswick, Nova Scotia, and Prince Edward Island, by varieties, average 1936-45, annual 1938-47

Variety	Average 1936-45	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947 <sup>1</sup>
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
Cobbler.....	1,546	1,535	2,035	2,098	1,015	1,191	737	1,908	1,970	2,788	2,587
Green Mountain.....	1,833	2,062	2,393	2,858	1,283	1,394	851	1,533	2,404	3,134	3,182
Katahdin.....	<sup>2</sup> 826	108	354	1,050	849	884	1,091	1,627	1,365	2,425	3,205
Chippewa.....	<sup>2</sup> 8	3	7	17	9	6	4	3	7	7	9
Sebago.....	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	206	274	552	1,601	1,585
Other varieties.....	465	549	486	571	383	361	301	332	249	562	516
Total.....	4,697	4,257	5,275	6,594	3,539	3,836	3,190	5,677	6,547	10,517	11,083

<sup>1</sup> Preliminary.

<sup>2</sup> Short-time average.

<sup>3</sup> Included in "Other varieties."

Bureau of Agricultural Economics. Obtained from official reports of Canadian seed-potato certifying agencies.

TABLE 335.—Potatoes: Acreage, yield per acre, and production in specified areas, averages 1930-34 and 1935-39, annual 1945-47 1

Continent and country	Acreage *			Yield per acre			Production			
	Average			Average			Average			
	1930-34			1935-39			1930-34			
	1,000 acres	1,000 acres	1,000 acres	Bushels	Bushels	Bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
<b>North America:</b>										
Canada.....	556	508	521	138.4	124.8	118.1	76,834	59,977	70,938	75,190
El Salvador.....	1	1	1	25.0	30.0	33.0	41.0	26.0	33	26
Guatemala.....	2	12	12	78.4	65.8	65.8	55.8	382	470	670
Mexico.....	30	68	67	62.9	108.9	130.0	1,630	1,660	4,500	4,500
Newfoundland.....	13	20	20	10.0	20.0	34.5	1,630	1,660	2,200	2,200
Panama.....	2	3	3	10.0	20.0	34.5	1,630	1,660	2,200	2,200
United States.....	3,444	2,700	2,699	107.6	117.2	155.1	370,502	418,765	484,174	384,407
Bermuda.....	(*)	(*)	(*)	114.0	115.6	108.4	2,166	1,850	2,667	2,517
Cuba.....	19	16	24	110.0	15.0	12.7	20	60	76	73
Dominican Republic.....	1	4	4	25.0	30.0	34.7	25	60	104	118
Jamaica.....	1	2	3	20.0	23.0	24.0	24	24	24	24
Puerto Rico.....	1	1	1	20.0	23.0	24.0	24	24	24	24
<b>Total.....</b>	<b>4,070</b>	<b>3,637</b>	<b>3,333</b>	<b>111.4</b>	<b>117.4</b>	<b>146.5</b>	<b>453,255</b>	<b>427,145</b>	<b>574,582</b>	<b>469,926</b>
<b>Europe: *</b>										
Albania.....	1	1	3	39.0	68.0	68.0	39	68	165	167
Austria.....	489	520	371	197.5	203.9	188.6	96,563	106,037	80,835	65,000
Belgium.....	412	383	247	59.8	85.1	223.1	13,758	11,642	80,115	85,183
Bulgaria.....	1,775	1,618	1,532	189.3	195.2	139.0	336,044	342,338	224,605	162,250
Denmark.....	1,775	1,618	1,532	189.3	195.2	139.0	336,044	342,338	224,605	162,250
Eire.....	345	328	388	246.3	253.6	223.2	84,094	87,668	66,505	67,063
Finland.....	191	185	172	204.3	229.7	287.1	39,028	98,268	111,395	120,471
France.....	3,495	3,489	2,634	164.4	164.3	114.6	574,551	452,077	351,773	44,606
Germany.....	6,653	4,934	3,981	237.9	237.9	162.8	1,552,513	1,126,513	941,958	479,574
Greece.....	39	53	48	91.2	109.2	83.2	3,102	3,102	8,700	10,540
Hungary.....	712	723	733	75.5	77.3	80.0	64,821	79,637	62,133	47,941
Italy.....	981	970	909	88.7	96.9	55.6	87,017	100,917	83,914	102,881
Luxembourg.....	41	42	20	172.2	188.8	205.8	7,091	7,929	4,115	4,042
Malta and Gozo.....	7	8	9	139.1	110.4	111.1	113,974	100,747	95,900	1,000
Netherlands.....	395	426	407	288.4	311.9	223.5	113,974	100,747	95,900	1,000
Norway.....	119	160	154	22.5	22.5	22.5	26	26	26	26
Norway.....	6,127	5,200	5,200	205.5	205.5	138.0	1,120,238	91,396,751	550,415	700,000
Norway.....	6,127	5,200	5,200	205.5	205.5	138.0	1,120,238	91,396,751	550,415	700,000
Poland.....	5,167	3,165	1,165	291.8	269.8	174.9	1,224	1,224	27,280	30,500
Romania.....	520	583	509	130.7	126.0	90.6	68,085	48,270	53,247	59,961
Spain.....	1,031	1,126	889	167.6	151.8	156.2	172,759	170,977	156,159	151,800

# POTATOES

267

Sweden.....	331	325	359	354	351	206.1	205.0	109.8	201.5	175.7	68,888	66,631	60,933	71,320	61,678
Switzerland.....	115	120	207	183	165	226.4	220.3	285.3	202.2	266.9	26,035	26,430	39,064	37,010	44,032
United Kingdom.....	733	719	1,597	1,423	1,330	245.7	254.1	261.7	266.7	217.8	185,000	182,066	365,331	374,631	285,707
Yugoslavia.....	605	646				88.5	80.0				53,580	51,066			
Total Europe 19 (ex- cluding U.S.R.).....	26,042	24,360	19,830	22,482	23,387	189.4	199.2	157.5	176.5	161.4	4,933,518	4,852,012	3,123,863	3,967,447	3,773,951
U.S.S.R. (Europe and Asia).	14,695	21,232	20,433	18,955	20,554	119.6	130.8	120.0	122.0	125.0	1,738,036	2,777,395	2,451,960	2,312,510	2,569,250
Asia:															
Cyprus.....	5	6	9	9	9	140.4	169.7	124.9	133.3	138.1	702	958	1,124	1,200	1,225
Lebanon and Syria.....	18	17	18	19	18	83.6	90.1	97.2	96.8	102.4	1,551	1,531	1,124	1,200	1,225
Palestine.....	103	135	129	136	149	100.0	134.5	134.7	143.6	148.1	1,551	1,531	1,124	1,200	1,225
Turkey.....	2	2	2	2	2	14.5	18.1	18.1	18.1	18.1	4,543	6,640	6,149	12,669	12,827
Manchuria and Jehol.....	300	640	498	498	410	64.7	100.0	89.3	92.6	92.6	20,000	60,000	88,183	88,000	88,000
India.....	287	293	529	432	405	125.0	150.0	150.0	146.3	143.2	25,000	67,349	63,000	60,000	58,000
Japan.....	287	293	529	432	405	141.6	218.8	121.8	146.7	143.6	40,631	64,106	64,448	63,382	80,541
Korea.....	235	266	426	345	340	83.8	91.0	83.2	94.8	96.5	19,699	26,021	35,450	32,720	34,575
Kwantoo (Japanese Sa- khalin).....	10	10	10	10	10	138.8	127.0	130.0	130.0	130.0	1,388	1,270	1,300	1,300	1,300
Kwantung Leased Terri- tory.....	2	2	2	2	2	82.5	85.0	85.0	85.0	85.0	165	170	170	170	170
Java and Madura.....	46	27	25	26	26	70.0	71.9	66.0	61.5	61.5	3,217	1,941	1,500	1,500	1,500
Philippine Islands.....	1	(*)	(*)	(*)	(*)	17.0					17	8	5	5	6
Total Asia (excluding U.S.S.R.).....	1,209	1,827	2,565	2,351	2,480	96.8	126.0	103.0	112.3	113.5	117,068	230,263	264,284	264,041	281,486
South America:															
Argentina.....	338	311	460	439	425	101.1	85.3	94.5	68.2	60.7	34,184	26,523	42,449	29,911	38,560
Bolivia.....	40	45	60	45	45	37.5	63.0	50.0	66.7	66.7	1,500	2,000	3,000	3,000	3,000
Brazil.....	98	168	160	165	162	136.1	93.0	99.1	132.6	111.1	15,339	15,000	23,316	20,880	18,000
Chile.....	125	121	140	133	129	143.5	129.4	126.5	137.2	127.7	16,682	15,338	15,338	16,902	17,000
Colombia.....	75	122	124	237	237	82.6	43.3	120.3	67.7	67.7	2,000	2,336	4,499	4,200	4,200
Ecuador.....	47	54	64	62	62	30.0	58.0	50.0	45.0	40.0	50	58	50	45	47
Paraguay.....	350	400	320	340	340	42.8	68.8	68.8	71.3	70.6	15,000	18,000	22,000	24,260	24,000
Peru.....	17	18	19	19	24	50.8	59.9	58.3	57.8	61.3	883	1,079	1,108	1,099	1,470
Venezuela.....	8	10	10	10	10	40.0	50.0	50.0	50.0	50.0	320	500	500	500	500
Total.....	1,099	1,260	1,358	1,451	1,435	83.6	72.5	95.1	84.6	89.1	91,848	90,605	129,137	122,710	127,866

See footnotes at end of table.

TABLE 335.—Potatoes: Acreage, yield per acre, and production in specified areas, averages 1930-34 and 1935-39, annual 1945-47<sup>1</sup>  
—Continued

Continent and country	Acreage <sup>2</sup>			Yield per acre			Production			
	Average		1947 <sup>3</sup>	Average		1946	Average		1945	1947 <sup>3</sup>
	1930-34	1935-39		1930-34	1935-39		1930-34	1935-39		
<b>Africa:</b>	1,000 acres	1,000 acres	1,000 acres	Bushels	Bushels	Bushels	Bushels	Bushels	Bushels	1,000 bushels
Algeria.....	47	44	30	70.6	105.2	76.0	3,319	4,627	1,900	3,000
Belgian Congo.....	2	3	30	105.0	81.3	60.0	210	244	180	200
Kenya.....	3	4	8	60.0	75.0	126.8	180	300	1,014	800
Tanganyika.....	1	1	1	15.0	25.0	27.0	15	25	27	25
Egypt.....	7	10	30	173.6	165.8	144.9	1,215	1,938	3,708	4,000
Libya.....	1	1	1	9.0	7.0	5.0	9	7	5	5
French Morocco.....	2	4	3	150.0	156.2	129.3	300	625	388	500
Madagascar.....	34	33	40	57.4	52.1	55.1	1,931	1,718	2,205	2,200
Mauritius.....	1	1	1	22.0	31.0	20.0	20	31	20	25
Mozambique.....	2	3	2	31.0	42.7	57.5	62	128	115	120
Nigeria and Cameroons.....	1	1	1	11.0	11.0	10.0	7	11	10	10
Southern Rhodesia.....	2	2	5	14.5	13.5	100.0	209	241	500	500
South West Africa.....	1	1	1	11.0	11.0	10.0	11	11	10	10
Tunisia.....	1	1	1	44.0	56.3	25.0	230	336	100	200
Union of South Africa.....	85	89	96	59.7	69.7	85.2	5,072	6,203	7,750	11,000
Other countries.....	70	117	84	32.7	47.6	39.4	2,289	5,574	3,032	4,500
<b>Total.....</b>	<b>263</b>	<b>320</b>	<b>311</b>	<b>57.4</b>	<b>68.9</b>	<b>72.7</b>	<b>15,091</b>	<b>22,040</b>	<b>21,020</b>	<b>27,000</b>
<b>Oceania:</b>										
Australia.....	141	114	210	93.2	113.2	119.0	13,137	12,900	28,000	25,000
Hawaiian Islands.....	1	2	2	60.0	60.0	70.0	60	130	140	140
New Caledonia.....	5	8	9	40.0	60.0	69.3	200	480	624	700
New Zealand.....	25	21	23	190.4	232.9	227.7	4,760	4,891	5,236	4,300
<b>Total.....</b>	<b>172</b>	<b>145</b>	<b>233</b>	<b>105.6</b>	<b>126.8</b>	<b>127.0</b>	<b>18,157</b>	<b>18,391</b>	<b>31,000</b>	<b>30,140</b>
<b>World total.....</b>	<b>47,550</b>	<b>42,771</b>	<b>49,039</b>	<b>155.4</b>	<b>159.5</b>	<b>135.5</b>	<b>142.4</b>	<b>7,386,973</b>	<b>8,417,851</b>	<b>7,299,361</b>

<sup>1</sup> Years shown refer to years of harvest in the Northern Hemisphere. Harvests of Northern Hemisphere countries are combined with those of the Southern Hemisphere which immediately follow; thus, the crop harvested in New Zealand in 1947 is included with the 1946 crop harvested in the Northern Hemisphere which began late in 1947 and ended early in 1948.

<sup>2</sup> Figures refer to harvested areas when available.

<sup>3</sup> Preliminary.

<sup>4</sup> Less than 500 acres.

<sup>5</sup> Estimates for each country have been revised to coincide with present boundaries except as noted.

<sup>6</sup> Averages for 1930-34 of European countries have not been adjusted to present boundaries.

<sup>7</sup> Official data for 1946 to date have been adjusted on a comparable basis with the 1935-39 average which included small holdings.

<sup>8</sup> Excludes gardens and allotments for 1945 to date.

<sup>9</sup> Estimated totals include allowance for missing data for countries shown.

<sup>10</sup> Office of Foreign Agricultural Relations. Prepared or estimated on the basis of official statistics of foreign governments, reports of the United States foreign service officers, results of office research, and other information.

<sup>11</sup> Czechoslovakia and Rumania, 5 years 1933-37; Germany and Poland, 5 years 1934-38; Spain, 2 years 1935 and 1939.

<sup>12</sup> Official estimates but believed to be conservative in 1946 and 1947. Includes home plots and market gardens.

TABLE 336.—Potatoes: Production of certified and war approved seed, by States, and United States imports, average 1936-45, annual 1940-47

State	Average 1936-45 certi- fied	1940	1941	1942	1943		1944		1945		1946	1947 <sup>1</sup>
					Certi- fied	War ap- proved <sup>1</sup>	Certi- fied	War ap- proved <sup>1</sup>	Certi- fied	War ap- proved <sup>1</sup>		
	1,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.
Maine.....	9,100	8,466	7,693	9,509	13,067	1,818	14,782	11,625	18,240	20,553		
New Hampshire.....	33	19	46	38	46	37	40	43	24	37		
Vermont.....	121	100	108	97	168	22	148	7	67	123		
New York.....	694	517	617	781	1,025	142	1,149	1	1,244	1,434	1,292	
New Jersey.....	70	100	60	103	53	9	46	38	40	30		
Pennsylvania.....	224	220	242	211	308	298	192	368	311			
Ohio.....	( <sup>2</sup> )				1	88	1	4	( <sup>3</sup> )	77		
Michigan.....	342	408	324	344	423	177	430	57	547	61	588	442
Wisconsin.....	317	207	177	247	219	51	540	99	787	1,064	1,403	
Minnesota.....	2,256	1,954	2,122	2,412	3,505	2,559	3,880	992	3,535	3,729	3,920	4,593
Iowa.....	2,971	2,208	2,282	3,282	5,084	5,594	4,512	2,244	6,067	3,475	6,061	6,179
North Dakota.....	419	168	276	406	887	97	952	161	1,241	180	1,530	884
South Dakota.....	665	1,007	1,067	485	483	673	630	356	1,231	83	1,214	676
Maryland.....	34	31	18	35	43	35	35	35	35	44	24	
North Carolina.....	12	1	11	18	34	38	38	10	12	17		
Georgia.....	<sup>4</sup>	20	1	1	1	3	3	3	4	3		
Kentucky.....	3	3	2	5	2	1	5	3	4	3		
Tennessee.....	<sup>4</sup> 37	44	38	51	37	31	49	51	55			
Louisiana.....	12	1	7	83								
Montana.....	229	235	221	204	289	50	344	3	409	11	375	473
Idaho.....	456	380	368	262	450	776	186	1,468	390	1,381	884	
Wyoming.....	284	702	275	226	185	220	287	68	350	148	550	295
Colorado.....	743	838	458	972	751	623	1,212	268	1,116	521	1,302	1,523
New Mexico.....	2	2						8				
Arizona.....	( <sup>3</sup> )	( <sup>3</sup> )										
Utah.....	74	58	58	55	61	26	60	173	251	242		
Washington.....	272	424	440	165	248	73	321	54	282	79	491	384
Oregon.....	455	593	562	372	516	177	674	40	744	241	935	1,035
California.....	499	25	59	129	1,185	280	1,303	33	2,026	80	2,797	2,743
United States.....	20,324	18,731	17,532	20,492	29,071	12,717	32,497	4,573	33,291	9,052	42,407	44,285
Imports of certified seed from Canada.....	1,103	843	745	770	1,056	1,941	2,135	2,078	2,434			

<sup>1</sup> War-approved seed potatoes are a new grade, established in 1943 by State certification agencies in conjunction with the War Food Administration. Tolerances allowed on this grade are greater than those established for the certified grade.

<sup>2</sup> Preliminary.

<sup>3</sup> Less than 500 bushels.

<sup>4</sup> Short-time average.

Bureau of Agricultural Economics. Compiled from reports of State seed-potato certifying agencies. Imports from Foreign Commerce and Navigation of the U. S., Department of Commerce. See table 333 for data on a variety basis.



TABLE 337.—*Potato futures: Volume of trading and annual average of month-end open contracts, by contract markets, and highest and lowest prices for any future, Chicago Mercantile Exchange, 1938-47*

Year	Volume of trading			Average open contracts			Price per 100 pounds, Chicago Mercantile Exchange <sup>1</sup>	
	Chicago Mercantile Exchange	New York Mercantile Exchange	Total	Chicago Mercantile Exchange	New York Mercantile Exchange	Total	Highest	Lowest
	Car lots <sup>2</sup>	Car lots <sup>2</sup>	Car lots <sup>2</sup>	Car lots <sup>2</sup>	Car lots <sup>2</sup>	Car lots <sup>2</sup>	Dollars <sup>3</sup>	Dollars <sup>3</sup>
1938.....	143	-----	143	11	-----	11	2.15	1.28
1939.....	223	-----	223	15	-----	15	2.15	1.31
1940.....	41	-----	41	2	-----	2	2.20	1.70
1941.....	7,926	15	7,931	437	(4)	437	3.75	1.40
1942.....	6,352	585	6,937	503	69	572	3.50	2.44
1943.....	1,187	202	1,389	122	12	134	3.44	2.86
1944.....	703	339	1,042	52	31	83	3.45	2.65
1945.....	533	80	613	43	8	51	3.25	2.80
1946.....	289	15,897	16,186	44	1,537	1,581	3.45	2.75
1947.....	25	19,376	19,401	1	1,345	1,346	4.65	3.25

<sup>1</sup> Idaho Russet Burbanks, U. S. Extra No. 1 grade.

<sup>2</sup> Ranging between 36,000 and 45,000 pounds at Chicago and between 40,000 and 50,000 pounds at New York.

<sup>3</sup> Trading began Dec. 2, 1941.

<sup>4</sup> Less than 1 carlot.

Commodity Exchange Authority. Trading and open-contract figures compiled from daily reports from exchange clearing members. Prices from records of the Chicago Mercantile Exchange.

TABLE 338.—*Shallots, commercial crop: Acreage, yield, production, season average price per bushel received by farmers, and value, Louisiana, 1937-47*

Year	Acreage harvested	Yield per acre	Production	Price	Farm value	Year	Acreage harvested	Yield per acre	Production	Price	Farm value
	Acres	Bushels <sup>1</sup>	1,000 bushels <sup>1</sup>	Dollars	1,000 dollars		Acres	Bushels <sup>1</sup>	1,000 bushels <sup>1</sup>	Dollars	1,000 dollars
1937.....	6,000	120	721	0.71	512	1943.....	5,000	90	450	1.49	671
1938.....	5,700	86	490	1.06	520	1944.....	4,000	85	339	2.37	805
1939.....	5,400	125	674	.50	316	1945.....	4,900	124	609	1.66	1,011
1940.....	4,700	127	596	.65	390	1946.....	5,400	124	668	1.90	1,269
1941.....	4,100	121	495	.93	459	1947 <sup>2</sup> .....	4,700	94	443	1.99	882
1942.....	5,200	131	682	.83	564						

<sup>1</sup> 5 dozen bunches (approximately 25 pounds).

<sup>2</sup> Includes 48,000 bushels not harvested and excluded in computing value.

<sup>3</sup> Preliminary.

Bureau of Agricultural Economics.

TABLE 339.—*Spinach, commercial crop: Acreage, yield, production, season average price per bushel and per ton received by farmers, and value, United States, 1929-47*

Year	For fresh market <sup>1</sup>					For processing				
	Acreage harvested	Yield per acre	Production <sup>2</sup>	Price	Farm value	Acreage harvested	Yield per acre	Production	Price	Farm value
	<i>Acres</i>	<i>Bushels <sup>3</sup></i>	<i>1,000 bushels <sup>3</sup></i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1929 .....	53,690	300	16,110	0.49	6,280	18,170	5.33	96,900	16.76	1,624
1930 .....	46,130	263	12,147	.52	6,333	9,350	4.11	38,400	14.79	568
1931 .....	51,870	284	14,736	.42	6,126	7,850	4.42	34,700	12.82	445
1932 .....	52,570	264	13,877	.45	6,274	5,540	3.70	20,500	12.98	266
1933 .....	66,920	195	13,041	.37	4,827	10,100	3.52	36,000	12.03	433
1934 .....	60,970	230	14,044	.42	5,836	15,200	2.70	41,300	11.86	490
1935 .....	61,970	208	12,881	.55	7,088	15,180	3.51	53,300	12.35	658
1936 .....	81,520	191	15,596	.42	6,505	27,020	2.35	63,400	13.31	844
1937 .....	75,740	218	16,525	.36	5,991	29,720	2.18	64,800	14.21	921
1938 .....	70,090	207	14,491	.38	5,466	22,420	1.89	42,300	15.37	650
1939 .....	63,750	225	14,345	.37	5,236	19,860	2.69	53,400	16.55	884
1940 .....	64,900	221	14,320	.48	6,815	21,340	2.05	43,700	19.93	871
1941 .....	63,050	206	13,003	.51	6,628	19,940	2.25	44,900	21.03	1,079
1942 .....	70,780	209	14,818	.61	9,050	46,240	2.47	114,400	38.72	4,429
1943 .....	74,150	201	14,932	.96	14,310	39,030	2.10	82,000	53.00	4,346
1944 .....	73,350	203	14,854	.81	11,635	44,100	2.42	106,900	49.91	5,335
1945 .....	66,220	218	14,410	.91	13,045	35,960	2.48	89,300	50.67	4,525
1946 .....	67,450	204	13,783	.79	10,869	36,020	2.45	88,400	42.57	3,763
1947 <sup>4</sup> .....	61,880	196	12,123	.91	10,909	24,090	2.39	57,500	37.22	2,140

<sup>1</sup> Includes quantities used for processing in some States.<sup>2</sup> Includes the following quantities not marketed and excluded in computing value: 3,195,000 bushels in 1929, 19,000 in 1931, 31,000 in 1932, 100,000 in 1939, 38,000 in 1940, 464,000 in 1944, 16,000 in 1946, and 71,000 in 1947.<sup>3</sup> Approximately 18 pounds.<sup>4</sup> Preliminary.Bureau of Agricultural Economics. Data for 1918-28 in *Agricultural Statistics, 1942*, table 897.

816939-49-18

TABLE 340.—*Spinach, commercial crop: Acreage, production, and season average price per bushel and per ton received by farmers, by States, average 1936-45, annual 1946 and 1947*

Utilization, group, and State	Acreage			Production			Price for crop of—		
	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>
<b>For fresh market:<sup>2</sup></b>									
Winter:	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 bushels<sup>3</sup></i>	<i>1,000 bushels<sup>3</sup></i>	<i>1,000 bushels<sup>3</sup></i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Texas.....	40,030	38,000	34,400	* 5,478	4,560	4,128	0.55	0.90	1.15
Louisiana.....	1,140	900	800	106	63	48	.72	1.20	1.35
California.....	3,100	4,400	4,350	1,602	1,562	1,501	.55	.65	.65
South Carolina.....	100			19			.28		
Total or average.....	44,380	43,300	39,550	7,204	6,185	5,677	.55	.84	1.02
Spring:									
Washington.....	460	740	780	* 196	355	* 405	.50	.65	.65
Virginia.....	2,950	2,000	1,600	951	600	520	.59	.70	.65
Maryland.....	710	650	650	155	162	150	.66	.65	.70
Missouri.....	970	800	800	205	240	200	.52	.35	.80
Arkansas.....	790	300	450	144	90	90	.54	2.00	1.10
Oklahoma.....	700	600	800	86	110	144	.42	.55	.42
New Jersey.....	1,810	1,700	1,600	651	612	512	.60	.75	.85
Pennsylvania.....	1,960	2,200	2,100	602	726	588	.62	.90	.75
Illinois.....	710	800	650	161	180	124	.62	.65	1.10
Total or average.....	11,060	9,790	9,430	3,162	3,045	2,733	.58	.74	.75
Summer:									
New York.....	2,470	2,940	2,200	1,142	1,323	825	.73	.90	1.00
Colorado.....	1,920	2,300	1,900	* 312	* 368	* 352	.59	.75	.85
Washington.....	820	1,100	700	403	660	332	.35	.50	.55
Total or average.....	5,210	6,340	4,800	1,857	2,351	1,509	.61	.76	.87
Early fall:									
Maryland.....	840	520	500	156	104	75	.73	1.05	1.10
New Jersey.....	1,880	2,000	1,900	548	550	570	.71	.70	.85
Pennsylvania.....	2,120	2,100	2,300	* 612	714	736	.74	.80	1.00
Illinois.....	580	450	400	111	94	64	.64	1.00	1.00
Missouri.....	820	500	1,000	187	100	300	.45	.65	.45
Total or average.....	6,240	5,570	6,100	1,614	1,562	1,745	.69	.78	.86
Late fall:									
Virginia.....	2,120	1,500	1,100	627	504	330	.66	.65	.75
Arkansas.....	380	200	300	77	36	60	.55	.65	.60
Oklahoma.....	970	750	600	198	100	69	.50	.65	.70
Total or average.....	3,470	2,450	2,000	902	640	459	.61	.65	.72
United States.....	70,360	67,450	61,880	14,729	13,783	12,123	.58	.79	.91
<b>For processing:</b>				<i>Tons</i>	<i>Tons</i>	<i>Tons</i>			
Maryland.....	1,320	1,430	300	3,000	600	600	44.80	94.00	89.30
Virginia.....	* 1,840	1,300	1,000	* 4,800	3,000	1,900	* 47.80	75.80	72.00
Arkansas.....	4,240	8,300	4,800	8,000	14,100	7,700	46.90	70.00	52.50
Oklahoma.....	6,800	9,000	5,600	11,600	11,700	7,300	45.20	55.00	49.00
Texas.....	5,740	5,000	5,000	8,100	6,000	7,500	30.30	47.00	40.00
California.....	10,990	10,990	7,390	35,900	56,600	32,500	17.70	26.50	27.30
Total or average.....	30,560	36,020	24,090	70,500	88,400	57,500	29.57	42.57	37.22
Grand total.....	100,920	103,470	85,970	<i>Tons</i> 203,100	<i>Tons</i> 212,400	<i>Tons</i> 166,600	* 53.45	* 68.92	* 78.61

<sup>1</sup> Preliminary.<sup>2</sup> Includes quantities used for processing in some States.<sup>3</sup> Approximately 18 pounds.<sup>4</sup> Includes some quantities not harvested.<sup>5</sup> Average 1936-45.<sup>6</sup> Derived price per ton.

Bureau of Agricultural Economics.

TABLE 341.—Sweetpotatoes: Acreage, yield, production, season average price per bushel received by farmers, and value, United States, 1929-47

Year	Acreage harvested	Yield per acre	Production	Price	Farm value	Year	Acreage harvested	Yield per acre	Production	Price	Farm value
	1,000 acres	Bushels <sup>1</sup>	1,000 bushels <sup>1</sup>	Dollars	1,000 dollars		1,000 acres	Bushels <sup>1</sup>	1,000 bushels <sup>1</sup>	Dollars	1,000 dollars
1929.....	650	100.3	65,193			1939.....	896	84.3	58,658		
1929.....	647	100.5	65,014	1.12	73,003	1939.....	728	84.8	61,744	.734	45,340
1930.....	670	81.5	54,577	1.06	57,751	1940.....	648	79.8	51,699	.854	44,160
1931.....	854	78.8	67,314	.671	45,190	1941.....	731	85.5	62,517	.922	57,650
1932.....	1,059	81.8	86,594	.469	40,650	1942.....	687	95.3	65,469	1.18	77,548
1933.....	907	82.3	74,619	.684	51,042	1943.....	857	83.1	71,142	2.06	146,413
1934.....	977	80.6	77,885			1944.....	673	94.0	63,288		
1934.....	859	81.0	77,677	.752	58,409	1944.....	726	94.0	68,251	1.90	129,912
1935.....	914	86.1	81,249	.671	54,545	1945.....	671	96.3	64,665	2.04	131,619
1936.....	769	77.7	59,765	.921	55,045	1946.....	676	98.2	66,424	2.18	144,496
1937.....	768	88.7	68,144	.780	53,138	1947 <sup>2</sup> .....	611	93.5	57,178	2.17	123,871
1938.....	793	86.5	68,603	.698	47,868						

<sup>1</sup> Approximately 55 pounds.<sup>2</sup> Preliminary.

Bureau of Agricultural Economics. Italic figures are census returns. Data for 1899-1928 in Agricultural Statistics, 1942, table 398, but price and value for 1910-28 have since been revised.

TABLE 342.—Sweetpotatoes: Acreage, yield, production, and season average price per bushel received by farmers, by States, average 1936-45, annual 1946 and 1947

State and group	Acreage harvested			Yield per acre			Production			Price for crop of—		
	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>
	1,000 acres	1,000 acres	1,000 acres	Bushels <sup>2</sup>	Bushels <sup>2</sup>	Bushels <sup>2</sup>	1,000 bushels <sup>2</sup>	1,000 bushels <sup>2</sup>	1,000 bushels <sup>2</sup>	Dollars	Dollars	Dollars
New Jersey.....	16	16	16	132	170	135	2,032	2,720	2,160	1.64	2.55	2.40
Delaware.....	2.6	1.0	1.0	120	140	120	319	140	120	1.22	2.13	1.95
Maryland.....	8.5	9.7	9.5	148	175	140	1,254	1,698	1,330	1.20	2.00	1.90
Virginia.....	32	26	28	113	125	125	3,566	3,250	3,500	1.12	2.02	1.80
Total.....	59.1	52.7	54.5	121.8	148.2	130.5	7,201	7,808	7,110	1.23	2.20	2.00
North Carolina.....	78	61	64	102	120	115	7,847	7,320	7,360	1.19	2.09	2.20
South Carolina.....	58	58	54	88	105	110	5,165	6,090	5,940	1.14	2.09	2.00
Georgia.....	98	78	77	73	90	85	7,180	7,020	6,545	1.21	2.16	2.15
Florida.....	18	16	17	66	68	75	1,182	1,068	1,275	1.36	2.72	2.55
Total.....	252	213	212	84.8	101.0	99.6	21,374	21,518	21,120	1.20	2.21	2.15
Kentucky.....	16	13	13	82	86	80	1,360	1,118	1,040	1.21	2.14	2.40
Tennessee.....	42	30	25	93	105	93	3,886	3,150	2,325	1.20	2.18	2.30
Alabama.....	76	65	62	77	85	82	5,885	5,525	5,084	1.25	2.29	2.35
Mississippi.....	66	56	50	88	92	87	5,801	5,152	4,350	1.24	2.43	2.45
Arkansas.....	26	19	17	78	82	70	1,969	1,558	1,190	1.30	2.45	2.42
Louisiana.....	102	120	90	81	90	83	8,267	10,800	7,470	1.00	1.57	1.48
Oklahoma.....	10	8	7	64	65	60	658	520	420	1.46	2.62	2.60
Texas.....	59	73	55	82	90	85	4,828	6,570	4,675	1.29	2.29	2.45
Total.....	398	384	319	82.2	89.6	83.2	32,654	34,393	26,554	1.18	2.08	2.14
Indiana.....	2.4	1.2	1.8	98	115	115	227	138	207	1.49	2.39	2.60
Illinois.....	3.4	2.6	2.2	87	80	70	295	208	154	1.28	1.98	2.20
Iowa.....	2.2	1.5	1.8	94	110	90	207	165	162	1.52	2.53	2.63
Missouri.....	8	7	6.3	90	110	85	726	770	336	1.39	2.28	2.50
Kansas.....	2.7	2.1	1.8	106	95	75	282	200	135	1.42	2.43	2.05
California.....	11	12	12	109	102	100	1,232	1,224	1,200	1.87	3.82	3.65
Total.....	29.7	26.4	25.9	100.0	102.5	92.4	2,971	2,705	2,394	1.55	2.99	3.05
United States.....	737.7	676.1	611.4	87.2	98.2	93.5	64,200	66,424	57,178	1.21	2.18	2.17

<sup>1</sup> Preliminary.<sup>2</sup> Approximately 55 pounds.

Bureau of Agricultural Economics.

TABLE 343.—*Sweetpotatoes: Production and disposition, United States, 1929-47*

Crop of—	Production	Used for seed <sup>1</sup>		Fed to livestock, shrinkage, and loss after harvest	For farm household use	Sold
		Total	On farms where grown			
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1929.....	65,014	3,695	2,946	12,736	22,901	26,431
1930.....	54,577	4,693	3,321	9,509	20,027	21,720
1931.....	67,314	5,855	4,350	11,586	24,387	20,991
1932.....	86,594	5,018	4,091	19,469	31,998	31,036
1933.....	74,619	5,348	4,303	15,260	27,890	27,166
1934.....	77,677	5,222	4,226	16,465	30,145	26,841
1935.....	81,249	3,944	3,088	18,017	30,396	29,748
1936.....	59,765	3,930	2,985	10,844	22,593	23,343
1937.....	68,144	4,052	3,078	13,684	25,402	25,980
1938.....	68,603	3,736	2,844	14,344	25,483	25,932
1939.....	61,744	3,331	2,537	11,963	22,752	24,462
1940.....	51,699	3,725	2,825	8,483	19,020	21,371
1941.....	62,517	3,513	2,682	12,512	22,062	25,261
1942.....	65,469	4,398	3,305	12,977	21,944	27,243
1943.....	71,142	3,783	2,874	15,786	23,771	28,711
1944.....	68,251	3,468	2,630	14,087	21,745	29,789
1945.....	64,665	3,531	2,604	13,092	21,020	27,949
1946.....	66,424	3,197	2,357	14,081	20,817	29,169
1947 <sup>2</sup> .....	57,178	2,911	2,202	11,603	19,099	24,274

<sup>1</sup> The difference between total seed and used for seed on farms where grown represents sweetpotatoes purchased for seed and is duplicated under quantities "sold."

<sup>2</sup> Preliminary.

Bureau of Agricultural Economics.

## TOMATOES

TABLE 344.—Tomatoes, commercial crop: Acreage, yield, production, season average price per bushel and per ton received by farmers, value, and foreign trade, United States, 1929-47

Year	For fresh market					For processing					Foreign trade, year beginning July					
	Acreage harvested	Yield per acre	Production <sup>1</sup>	Price	Farm value	Acreage harvested	Yield per acre	Production	Price	Farm value	Imports		Domestic exports			
											Fresh	Canned <sup>2</sup>	Paste	Fresh	Canned	Catsup and sauces
	Acres	Bushels <sup>3</sup>	tons	Dollars	1,000 dollars	Acres	Tons	Tons	Dollars	1,000 dollars	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1929	157,640	129	20,300	1.73	353,720	323,720	4.74	1,534,700	15.25	23,409	139,886	147,429	10,347	4,872	10,419	
1930	160,400	113	18,945	1.10	20,728	20,728	3.30	1,074,100	11.85	13,617	139,886	147,429	10,347	4,872	10,419	
1931	163,400	113	18,945	1.10	20,728	20,728	3.30	1,074,100	11.85	13,617	139,886	147,429	10,347	4,872	10,419	
1932	173,380	117	20,324	1.98	19,894	290,120	4.28	1,109,300	10.08	12,090	69,028	72,226	11,453	4,631	9,221	
1933	171,330	112	19,255	1.10	21,129	290,150	3.96	1,081,300	11.39	12,316	46,254	75,963	11,403	1,885	2,698	
1934	193,680	113	21,957	1.20	25,119	308,660	3.87	1,425,700	12.03	17,148	77,100	76,296	12,233	1,958	3,125	
1935	189,960	119	22,513	1.13	25,415	471,730	3.60	1,700,200	11.73	19,951	82,504	64,985	8,525	1,823	3,451	
1936	193,060	109	21,068	1.31	27,531	419,070	4.74	1,987,500	12.59	25,029	97,037	61,421	10,540	14,902	2,546	
1937	203,360	108	22,008	1.31	28,757	451,000	4.27	1,926,300	13.11	25,280	65,831	55,383	8,278	23,558	1,807	
1938	219,910	117	25,673	1.07	27,352	392,350	4.44	1,742,600	12.41	21,618	54,861	71,596	8,625	22,363	1,962	
1939	215,860	122	26,316	1.38	36,218	358,260	5.58	2,094,900	12.14	24,274	179,428	37,543	6,897	23,344	1,849	
1940	207,000	120	24,600	1.52	38,790	460,450	6.09	2,802,300	11.66	42,196	137,185	1,621	283	23,417	21,783	
1941	207,000	120	24,600	1.52	38,790	460,450	6.09	2,802,300	11.66	42,196	137,185	1,621	283	23,417	21,783	
1942	217,130	128	27,790	2.09	57,915	601,200	5.27	3,165,800	19.70	62,400	167,916	3,107	420	33,438	8,269	
1943	225,230	123	27,792	2.84	78,885	555,430	4.79	2,660,900	26.28	86,922	169,064	4,579	1	2,458	37,272	
1944	249,520	113	26,292	3.05	86,387	581,180	5.45	3,165,900	27.22	86,269	210,874	4,579	3,016	32,646	34,070	
1945	270,820	117	32,688	3.31	107,049	546,750	4.92	2,686,200	27.58	74,169	203,065	14,833	54	50,789	8,894	
1946	294,010	116	34,229	2.87	97,319	570,770	5.94	3,393,700	30.42	103,241	263,168	14,833	1,021	43,510	1,990	
1947 <sup>4</sup>	243,870	118	28,830	3.02	87,112	499,170	6.43	3,212,000	28.61	91,900						

<sup>1</sup> Includes the following quantities not harvested and excluded in computing values: 128,000 bushels in 1933; 50,000 in 1934; 71,000 in 1935; 975,000 in 1934; 76,000 in 1935; 153,000 in 1938; 42,000 in 1940; 33,000 in 1941; 23,000 in 1942; 40,000 in 1943; 347,000 in 1945; and 333,000 in 1946.

<sup>2</sup> Includes "otherwise prepared," if any.

<sup>3</sup> Approximately 63 pounds.

<sup>4</sup> Imports for consumption beginning 1933.

<sup>5</sup> Jan. 1-June 30; not separately classified prior to this date.

<sup>6</sup> Preliminary.

Bureau of Agricultural Economics. Imports and exports compiled from Monthly Summary of Foreign Commerce of the United States, June issues, and official records of the U. S. Department of Commerce. Data for 1918-23 in Agricultural Statistics, 1942, table 403.

TABLE 345.—*Tomatoes, commercial crop: Acreage, production, and season average price per bushel and per ton received by farmers, by States, average 1936-45, annual 1946 and 1947*

Utilization, group, and State	Acreage			Production			Price for crop of—		
	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>
<b>For fresh market.....</b>	<b>Acres</b>	<b>Acres</b>	<b>Acres</b>	<b>1,000 bushels<sup>2</sup></b>	<b>1,000 bushels<sup>2</sup></b>	<b>1,000 bushels<sup>2</sup></b>	<b>Dollars</b>	<b>Dollars</b>	<b>Dollars</b>
Winter: Florida.....	12,890	12,200	10,100	<sup>3</sup> 1,777	<sup>3</sup> 1,964	949	3.71	5.70	5.75
Early spring:									
Florida.....	15,160	13,000	9,450	<sup>3</sup> 1,336	<sup>3</sup> 1,820	1,030	3.46	4.80	6.00
Texas, Lower Valley.....	25,200	64,000	41,600	1,889	4,480	2,912	1.66	1.65	2.75
California, Imperial Valley.....	4,460	5,200	4,500	693	738	1,035	3.90	4.79	5.70
Total or average.....	44,820	82,200	55,550	3,917	7,038	4,977	2.63	2.77	4.04
Late spring:									
Texas, other.....	28,600	39,600	36,000	1,972	2,891	2,700	1.79	2.10	2.30
Louisiana.....	2,940	2,100	1,900	<sup>3</sup> 208	130	144	1.78	3.50	2.55
Mississippi.....	6,930	4,400	3,300	<sup>3</sup> 670	374	248	1.48	2.20	3.35
South Carolina.....	5,260	4,200	3,600	297	273	216	2.25	2.50	3.00
Georgia.....	5,170	6,500	5,000	<sup>3</sup> 374	455	380	1.82	1.85	3.30
Alabama.....	<sup>4</sup> 2,860	4,000	3,000	<sup>4</sup> 255	220	240	<sup>4</sup> 1.86	2.10	2.45
Total or average.....	50,900	60,800	52,800	3,698	4,343	3,928	1.76	2.15	2.52
Early summer:									
California.....	9,290	12,700	10,500	1,595	2,299	2,100	2.25	2.73	3.10
Arkansas.....	3,630	6,200	6,500	317	558	455	1.49	2.85	2.50
Tennessee.....	5,200	5,400	4,100	646	<sup>3</sup> 810	594	1.53	1.45	1.25
North Carolina.....	1,180	350	300	<sup>3</sup> 84	26	22	1.36	2.05	1.95
Virginia.....	2,380	1,000	2,000	309	170	380	1.00	1.55	1.65
Kentucky.....	1,100	2,000	700	109	500	91	1.42	3.00	2.90
Illinois, Union County.....	640	1,100	1,100	63	104	99	2.06	3.00	3.10
Missouri.....	5,880	6,500	6,500	513	650	715	1.57	2.95	2.50
Ohio, southeast.....	730	690	690	134	162	138	2.66	4.70	5.65
Maryland.....	6,530	6,500	7,000	1,022	975	1,400	.95	2.40	2.05
Delaware.....	240	300	270	34	45	38	.86	1.90	1.90
Total or average.....	36,500	42,740	39,660	4,825	6,299	6,032	1.64	2.60	2.51
Late summer:									
New Jersey.....	11,200	11,000	11,000	1,926	1,650	1,925	1.42	3.20	2.10
Washington.....	1,420	1,520	1,720	<sup>3</sup> 357	<sup>3</sup> 380	482	1.30	2.00	1.60
Pennsylvania.....	2,460	3,500	3,100	466	420	589	1.13	2.75	1.90
Ohio, other.....	3,900	3,200	2,700	669	480	472	1.26	2.40	3.10
Indiana.....	6,890	8,100	8,100	719	891	850	1.34	1.20	1.95
Illinois, other.....	3,370	3,900	3,700	334	429	296	1.03	2.00	2.25
Iowa.....	560	600	640	64	99	54	.90	1.50	2.00
New York.....	8,810	8,850	8,400	1,901	1,947	1,764	1.08	2.15	1.95
Michigan.....	6,000	7,200	7,000	973	1,008	945	1.61	2.85	3.25
Colorado.....	2,480	3,100	3,100	575	868	930	.95	2.00	1.80
Utah.....	590	600	250	66	66	25	1.19	2.50	1.50
Oregon.....	1,180	1,300	1,300	283	377	377	1.34	2.80	2.70
Alabama.....	<sup>4</sup> 2,010	2,300	1,800	<sup>4</sup> 171	115	135	<sup>4</sup> 2.19	2.20	3.50
Total or average.....	50,260	55,170	52,710	8,453	8,730	8,844	1.27	2.37	2.21
Early fall:									
California, northern district.....	8,490	12,800	11,000	1,336	2,355	1,815	2.45	3.81	4.00
California, southern district.....	6,700	8,800	7,500	1,198	1,619	1,088	2.41	3.48	4.00
Total or average.....	15,200	21,600	18,500	2,534	3,974	2,903	2.44	3.63	4.00
Late fall:									
Texas.....	7,030	11,500	11,800	407	805	826	2.06	1.90	4.15
Florida.....	3,940	7,900	2,750	458	1,076	371	3.06	5.00	5.25
Total or average.....	10,960	19,300	14,550	865	1,881	1,197	3.07	3.67	4.49
United States.....	221,520	294,010	243,870	26,069	34,229	28,830	1.92	2.87	3.02

See footnotes at end of table.



TABLE 345.—*Tomatoes, commercial crop: Acreage, production, and season average price per bushel and per ton received by farmers, by States, average 1936-45, annual 1946 and 1947—Continued*

Utilization, group, and State	Acreage			Production			Price for crop of—		
	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>
For processing:	<i>Aeres</i>	<i>Aeres</i>	<i>Aeres</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
New York.....	21,300	27,400	21,900	151,200	175,400	105,100	17.30	32.80	28.30
New Jersey.....	34,700	37,100	32,800	196,800	218,900	291,900	22.00	41.00	34.10
Pennsylvania.....	23,200	34,200	25,600	131,200	99,200	176,600	20.00	34.90	31.00
Ohio.....	24,800	33,900	31,300	156,600	257,600	115,800	15.90	25.50	24.60
Indiana.....	89,100	101,800	94,500	442,300	529,400	415,800	16.20	28.00	26.00
Illinois.....	10,000	14,400	11,000	42,600	100,800	48,400	17.00	25.60	24.90
Michigan.....	5,800	7,900	7,800	33,800	56,100	30,400	15.60	26.60	24.30
Wisconsin.....	2,300	1,000	1,200	10,900	5,700	4,600	16.40	27.00	24.60
Iowa.....	4,500	3,000	1,800	19,100	17,100	6,300	16.60	23.70	23.80
Missouri.....	12,500	9,400	7,600	32,000	32,900	10,600	16.80	34.60	25.20
Delaware.....	11,300	11,800	9,900	46,700	37,800	54,400	21.70	49.10	28.00
Maryland.....	56,900	43,500	40,500	240,600	139,200	226,800	20.40	42.80	27.90
Virginia.....	26,600	29,400	23,000	91,800	88,200	105,800	18.30	35.30	28.50
South Carolina.....	2,000	2,600	3,000	3,700	5,200	5,100	15.80	24.00	28.00
Florida.....	3,600	2,250	2,250	10,500	8,600	6,300	15.20	34.10	35.10
Kentucky.....	4,400	3,800	3,500	11,700	12,200	9,800	15.60	25.40	24.80
Tennessee.....	7,100	3,100	2,500	14,200	6,200	5,500	16.20	26.80	24.60
Arkansas.....	15,200	16,000	13,900	34,300	51,200	23,600	16.20	33.40	26.80
Oklahoma.....	1,200	3,000	1,800	1,600	11,400	2,700	14.30	35.50	27.40
Texas.....	12,700	33,000	12,100	32,400	92,400	31,500	14.30	26.00	32.00
Colorado.....	3,600	4,800	4,300	22,800	28,800	36,100	15.00	25.00	24.00
Utah.....	7,100	7,500	7,200	64,200	66,800	69,100	15.00	24.90	25.40
California.....	92,000	134,400	136,000	627,800	1,330,600	1,414,400	17.60	29.00	29.00
Other States.....	5,700	5,520	3,720	23,300	22,000	15,400	16.59	26.49	26.07
Total or average.....	477,500	570,770	499,170	2,442,100	3,393,700	3,212,000	17.79	30.42	28.61
Grand total.....	699,020	864,780	743,040	3,132,000	4,300,800	3,976,000	<sup>2</sup> 31.20	<sup>3</sup> 46.73	<sup>4</sup> 45.02

<sup>1</sup> Preliminary.<sup>2</sup> Approximately 53 pounds.<sup>3</sup> Includes some quantities not harvested.<sup>4</sup> Average, 1939-45.<sup>5</sup> Connecticut, Georgia, Idaho, Kansas, Louisiana, Minnesota, Mississippi, Nebraska, New Mexico, North Carolina, Oregon, Washington, and West Virginia.<sup>6</sup> Derived price per ton.

Bureau of Agricultural Economics.

TABLE 346.—*Watermelons, commercial crop: Acreage, yield, production, season average price per 1,000 melons received by farmers, and value, United States, 1929-47*

Year	Acreage harvested	Yield per acre	Production <sup>1</sup>	Price	Farm value	Year	Acreage harvested	Yield per acre	Production <sup>1</sup>	Price	Farm value
	<i>Acres</i>	<i>Melons<sup>2</sup></i>	<i>1,000 melons<sup>2</sup></i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>Melons<sup>2</sup></i>	<i>1,000 melons<sup>2</sup></i>	<i>Dollars</i>	<i>1,000 dollars</i>
1929.....	226,570	325	73,543	173.00	12,710	1939.....	265,190	238	63,069	119.00	7,444
1930.....	255,000	335	85,506	117.00	9,327	1940.....	267,300	288	77,107	109.00	7,906
1931.....	253,610	307	77,910	101.00	7,719	1941.....	256,330	252	64,486	134.00	8,636
1932.....	247,910	270	66,992	79.00	4,569	1942.....	197,900	286	56,526	240.00	13,588
1933.....	218,250	258	56,382	93.00	5,122	1943.....	142,600	340	48,522	445.00	21,615
1934.....	281,930	213	60,056	104.00	6,248	1944.....	223,680	316	70,775	368.00	26,024
1935.....	268,220	247	66,367	96.00	6,162	1945.....	262,880	277	72,949	410.00	29,910
1936.....	250,710	249	62,543	128.00	7,967	1946.....	316,020	256	80,825	394.00	30,958
1937.....	254,800	278	70,936	106.00	7,276	1947 <sup>3</sup> .....	291,370	280	81,512	312.00	24,303
1938.....	263,630	269	70,842	109.00	7,262						

<sup>1</sup> Includes some quantities not harvested and excluded in computing value: 5,677,000 melons in 1930, 1,761,000 in 1931, 9,298,000 in 1932, 1,332,000 in 1933, 122,000 in 1934, 2,509,000 in 1935, 425,000 in 1936, 2,499,000 in 1937, 4,001,000 in 1938, 496,000 in 1939, 4,518,000 in 1940, 260,000 in 1946, and 3,594,000 in 1947.

<sup>2</sup> A medium-size melon weighs about 25 pounds.

<sup>3</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1918-28 in Agricultural Statistics, 1942, table 407.

TABLE 347.—*Watermelons, commercial crop: Acreage, production and season average price per 1,000 melons received by farmers, by States, average 1936-45, annual 1946 and 1947*

Group and State	Acreage			Production			Price for crop of—		
	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>
Late spring:									
California, Imperial Valley.....	<i>Acres</i> 5,810	<i>Acres</i> 5,600	<i>Acres</i> 4,500	<i>1,000 melons<sup>2</sup></i> 3,154	<i>1,000 melons<sup>2</sup></i> 2,630	<i>1,000 melons<sup>2</sup></i> 2,475	<i>Dollars</i> 254	<i>Dollars</i> 465	<i>Dollars</i> 530
Florida.....	22,860	47,000	47,000	<sup>3</sup> 6,556	10,575	<sup>3</sup> 12,925	317	525	447
Total or average.....	28,670	52,600	51,500	9,710	13,095	15,400	294	513	462
Early summer:									
California, other.....	9,000	11,300	10,600	6,433	8,927	7,950	195	295	312
Arizona.....	2,010	4,000	3,500	1,122	2,040	2,170	238	380	407
Texas.....	44,890	85,000	74,000	6,495	13,600	12,950	246	408	242
Louisiana.....	4,070	4,100	3,100	1,149	943	868	246	420	356
Mississippi.....	6,110	4,500	3,600	<sup>3</sup> 1,531	945	648	205	340	360
Alabama.....	6,940	7,900	6,700	2,222	1,382	1,809	211	350	380
Georgia.....	52,880	56,000	56,000	<sup>3</sup> 13,366	14,224	<sup>3</sup> 16,016	199	440	250
South Carolina.....	21,950	32,000	30,000	<sup>3</sup> 4,894	6,400	7,200	190	262	220
North Carolina.....	9,920	11,000	9,900	2,143	2,420	2,227	176	413	180
Arkansas.....	4,170	4,000	4,000	<sup>3</sup> 1,166	1,120	1,100	209	482	350
Oklahoma.....	11,220	13,000	11,000	2,387	2,860	2,090	223	380	355
Missouri.....	11,220	6,700	4,700	3,134	1,842	940	180	313	350
Total or average.....	184,350	239,500	217,100	46,079	56,703	55,968	206	374	265
Late summer:									
Virginia.....	2,640	1,500	1,050	<sup>3</sup> 850	405	310	187	298	242
Maryland.....	4,700	5,300	5,000	1,945	2,385	2,500	182	300	380
Delaware.....	3,160	3,200	3,000	1,270	<sup>3</sup> 1,360	1,350	189	300	380
New Jersey.....	1,300	1,000	1,000	533	425	325	182	144	218
Indiana.....	5,950	6,900	7,200	2,495	4,140	3,600	194	294	387
Illinois.....	4,140	3,500	3,100	1,383	1,190	930	190	235	295
Iowa.....	1,250	550	520	354	187	104	224	300	350
Oregon.....	630	650	600	<sup>3</sup> 222	325	342	244	350	325
Washington.....	950	670	650	559	415	455	204	260	250
Colorado.....	830	650	650	278	195	228	186	380	390
Total or average.....	25,490	23,920	22,770	9,989	11,027	10,144	191	282	357
United States.....	238,510	316,020	291,370	65,778	80,825	81,512	217	384	312

<sup>1</sup> Preliminary.

<sup>2</sup> A medium-size melon weighs about 25 pounds.

<sup>3</sup> Includes some quantities not harvested.

Bureau of Agricultural Economics.

## VEGETABLE SHIPMENTS

279

TABLE 348.—*Fresh vegetables: Annual carlot rail and boat shipments of specified commodities, United States, 1938-47*<sup>1</sup>

Year	Asparagus	Beans, snap and lima	Beets	Broccoli <sup>2</sup>	Cabbage	Carrots	Cauliflower	Celery	Corn, green
	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>
1938.....	1,673	9,395	1,557	-----	25,524	12,697	7,277	21,222	976
1939.....	2,010	5,769	748	1,793	18,757	13,647	7,670	20,139	752
1940.....	2,929	6,367	946	1,686	19,524	13,162	8,255	19,975	746
1941.....	2,497	3,750	1,100	1,470	18,430	15,468	6,243	20,429	933
1942.....	1,701	5,634	1,247	1,280	24,806	20,144	6,911	20,929	959
1943.....	2,088	9,021	1,668	1,242	23,481	24,357	5,999	18,969	1,514
1944.....	1,852	7,377	2,345	1,912	29,673	25,471	8,480	22,106	1,614
1945.....	981	7,471	2,212	1,520	32,835	27,903	9,068	25,610	2,685
1946.....	1,373	6,346	1,027	1,888	27,328	27,148	11,296	27,933	3,123
1947.....	2,102	4,734	920	1,826	24,645	24,995	9,302	24,737	2,933

Year	Cucumbers	Eggplant	Escarole <sup>2</sup>	Greens (except spinach)	Lettuce	Muskmelons		Onions	Peas, green
						Cantaloups	Other <sup>3</sup>		
	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>
1938.....	4,274	319	-----	3,277	43,475	12,452	7,123	28,539	6,481
1939.....	3,229	253	746	1,491	52,458	13,177	6,615	28,519	7,806
1940.....	2,712	17	853	1,295	49,898	11,611	6,038	23,268	6,263
1941.....	2,577	78	597	1,241	55,626	13,491	7,210	27,087	6,063
1942.....	3,177	23	925	1,016	56,227	11,687	5,819	32,748	4,702
1943.....	1,879	221	1,013	1,115	58,109	11,619	4,992	25,780	4,588
1944.....	2,336	269	1,194	1,367	66,984	16,004	7,051	36,995	4,535
1945.....	4,115	326	1,421	1,086	68,471	16,780	8,548	33,735	4,536
1946.....	5,357	285	1,128	1,052	74,703	21,958	8,914	36,974	4,123
1947.....	3,671	82	875	1,568	76,941	22,550	6,233	35,186	3,256

Year	Peppers	Potatoes	Spinach	Sweet-potatoes	Tomatoes	Turnips and rutabagas	Watermelons	Mixed vegetables	Total
	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>
1938.....	3,168	211,279	6,835	9,542	35,235	581	24,326	26,237	503,464
1939.....	2,241	197,749	6,330	8,643	28,437	458	19,042	27,018	475,497
1940.....	1,253	202,381	5,970	6,652	22,247	426	21,261	23,844	458,579
1941.....	1,359	201,057	5,604	7,307	19,599	348	18,750	24,924	463,205
1942.....	1,733	218,431	6,226	10,511	25,223	659	18,635	29,115	510,471
1943.....	1,697	262,488	6,744	8,584	25,276	944	20,154	39,632	563,174
1944.....	2,736	275,581	6,358	10,885	27,992	717	34,590	45,542	639,796
1945.....	2,904	270,671	5,832	13,316	35,168	593	37,736	45,054	660,417
1946.....	2,890	298,307	4,824	12,408	36,626	558	35,347	43,379	696,295
1947.....	1,701	280,251	4,052	11,285	25,522	440	32,958	37,742	640,507

<sup>1</sup> Figures for all commodities are on a calendar-year basis, except onions which are for a 12-month period beginning in March.<sup>2</sup> No record prior to 1939.<sup>3</sup> Includes Casaba, Honey Ball, Honey Dew, Persian, and mixed melons. Cars of mixed melons may include cantaloups as well as other muskmelons.

Production and Marketing Administration. Compiled from daily and monthly reports received from officials and local agents of common carriers throughout the country. Shipments shown in carlots include boat shipments reduced to a carlot basis. Shipments by truck are not included but have become increasingly important during this period. The data are not indicative of total production or total sales.

TABLE 349.—Vegetables (fresh), potatoes, sweetpotatoes, and dry edible beans: Total and per capita civilian consumption (farm weight basis), United States, 1929-47<sup>1</sup>

Calendar year	Tomatoes		Leafy, green, and yellow vegetables <sup>2</sup>		Other fresh vegetables <sup>3</sup>		Melons <sup>4</sup>		All fresh vegetables, including melons		Potatoes		Sweetpotatoes		Dry edible beans	
	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita
	Mil. lb.	Lb.	Mil. lb.	Lb.	Mil. lb.	Lb.	Mil. lb.	Lb.	Mil. lb.	Lb.	Mil. bu.	Lb.	Mil. bu.	Lb.	1,000 bags	Lb.
1929	3,181	25.9	11,247	91.7	8,432	67.1	4,498	36.4	27,128	221	314.8	154	49.5	22.2	9,520	7.8
1930	3,066	24.6	11,247	91.7	8,432	67.1	4,498	36.4	27,128	221	314.8	154	49.5	22.2	9,520	7.8
1931	3,066	24.6	11,247	91.7	8,432	67.1	4,498	36.4	27,128	221	314.8	154	49.5	22.2	9,520	7.8
1932	3,452	27.5	11,856	94.4	8,873	70.6	4,765	38.2	27,654	223	290.2	140	46.4	26.3	10,925	8.8
1933	3,107	24.6	11,021	87.3	8,642	68.4	4,072	32.2	26,844	217	288.7	139	62.9	27.5	9,253	7.4
1934	3,102	24.4	11,998	94.4	8,403	66.1	4,159	32.7	27,661	218	292.1	138	56.1	24.3	8,900	7.0
1935	3,563	27.8	12,500	97.7	9,099	71.1	4,338	33.9	29,509	231	307.9	144	59.3	25.5	10,710	8.4
1936	3,350	26.0	11,676	90.6	9,172	71.2	4,078	31.6	28,275	219	284.0	132	46.0	19.6	11,494	8.9
1937	3,416	26.2	12,975	106.9	9,884	78.6	4,633	35.2	32,306	245	281.7	132	50.4	21.4	10,405	7.8
1938	3,912	29.7	13,498	102.5	9,968	75.9	4,696	35.0	32,014	243	266.4	121	46.8	19.2	12,163	9.2
1939	3,766	28.4	13,336	100.4	9,819	73.8	4,979	37.5	31,900	240	288.7	130	39.0	16.2	11,038	8.3
1940	3,963	30.1	13,037	98.5	10,432	79.0	4,435	33.5	31,967	241	282.0	128	44.0	18.2	11,456	8.6
1941	4,056	30.7	14,373	108.5	10,860	82.1	4,266	32.3	33,555	254	275.5	125	48.4	20.2	14,078	11.1
1942	4,014	31.0	13,080	100.9	9,425	72.7	4,228	32.6	30,747	237	286.8	133	49.2	20.9	11,554	8.9
1943	4,071	31.5	13,705	106.9	10,307	80.9	4,483	35.0	32,996	254	272.0	126	45.9	19.5	9,999	7.7
1944	4,228	32.8	14,373	108.5	10,860	82.1	4,483	35.0	32,996	254	272.0	126	45.9	19.5	9,999	7.7
1945	4,428	33.4	15,810	113.6	11,588	88.1	5,548	39.8	37,634	271	294.9	127	45.0	17.8	12,000	8.6
1946	4,504	31.4	14,981	104.2	11,105	77.4	5,378	37.5	35,924	250	294.4	123	41.2	15.8	12,000	8.4
1947	4,504	31.4	14,981	104.2	11,105	77.4	5,378	37.5	35,924	250	294.4	123	41.2	15.8	12,000	8.4

<sup>1</sup> Includes production of commercial truck crops for fresh market shipment and rough approximations of production in farm and market gardens but not in town and city gardens.

<sup>2</sup> Artichokes, asparagus, lima beans, snap beans, cabbage, carrots, kale, lettuce, and minor vegetables.

<sup>3</sup> Beets, cauliflower, celery, sweet corn, cucumbers, eggplant, garlic, onions, shallots, and an estimated quantity of minor vegetables.

<sup>4</sup> Includes watermelons, cantaloups, Honey Ball melons, and Honey Dew melons.

<sup>5</sup> The per capita civilian consumption obtained by dividing the total apparent civilian consumption by total population adjusted for underenumeration of children under 5 years of age and for members of the armed forces not eating out of civilian supplies. All data preliminary.

<sup>6</sup> Preliminary.

Bureau of Agricultural Economics. The figures in this table are given in terms of production weight, i.e., quantities available for consumption at the farm level. Normal marketing losses between the time of harvest and time of sale in the retail store—including shrinkage and spoilage in transit and storage, and the retail store—including shrinkage and spoilage in transit and storage, are estimated roughly as follows: Tomatoes, 25 percent; leafy, green, and yellow vegetables, 14 percent; melons, 13 percent; other truck crops, 14 percent; potatoes, 7 percent; sweetpotatoes, 20 percent prior to 1942, and 14 percent from 1942 to date.

TABLE 350.—Vegetables, canned: United States pack of selected items, 1929-47

Season	Aspara- gus	Beans, lima	Beans, snap	Beets	Carrots	Corn	Peas	Pickles <sup>1</sup>
	1,000 cases <sup>2</sup>	1,000 cases <sup>2</sup>	1,000 cases <sup>2</sup>	1,000 cases <sup>2</sup>	1,000 cases <sup>2</sup>	1,000 cases <sup>2</sup>	1,000 cases <sup>2</sup>	1,000 cases <sup>2</sup>
1929.....	3,032	946	8,525	2,004	2,004	17,487	18,530	6,200
1930.....	3,020	981	8,251	2,923	-----	15,692	22,035	11,900
1931.....	2,134	1,157	6,067	1,614	262	19,415	13,286	9,100
1932.....	1,604	732	4,024	1,044	433	9,358	10,367	2,000
1933.....	2,569	670	5,532	1,216	604	10,193	12,893	5,600
1934.....	2,423	1,319	6,300	2,196	765	11,268	15,742	6,800
1935.....	2,813	1,186	7,161	2,462	926	21,471	24,699	7,800
1936.....	3,031	1,551	6,629	2,490	938	14,621	16,553	9,900
1937.....	2,884	1,512	10,052	3,210	949	23,541	23,467	12,700
1938.....	2,538	1,920	10,915	3,176	704	20,470	25,459	9,900
1939.....	2,604	2,000	8,487	2,271	1,210	14,567	16,074	6,300
1940.....	3,258	1,992	9,798	3,719	1,435	15,524	25,196	10,100
1941.....	3,203	2,387	13,362	7,365	2,058	26,109	28,724	13,400
1942.....	4,202	2,527	23,790	6,706	2,283	32,118	35,256	13,600
1943.....	3,860	1,879	22,913	6,059	2,384	28,755	35,052	10,200
1944.....	4,141	1,647	18,196	7,889	3,131	25,089	31,524	12,500
1945.....	4,346	1,581	17,365	9,149	4,048	28,237	39,649	13,000
1946.....	4,576	1,747	18,342	7,044	3,747	30,951	40,933	17,100
1947 <sup>3</sup> .....	3,833	2,204	13,091	3,382	976	26,089	33,119	16,700

Season	Pimien- tos	Pumpkin and squash	Sauer- kraut <sup>1</sup>	Spinach	Toma- toes	Tomato pulp	Tomato juice	Total of these items
	1,000 cases <sup>2</sup>	1,000 cases <sup>2</sup>	1,000 cases <sup>2</sup>	1,000 cases <sup>2</sup>	1,000 cases <sup>2</sup>	1,000 cases <sup>2</sup>	1,000 cases <sup>2</sup>	1,000 cases <sup>2</sup>
1929.....	536	3,348	9,300	6,165	24,146	3,737	231	104,187
1930.....	424	2,374	11,600	2,465	29,015	4,490	1,674	116,844
1931.....	298	1,399	7,400	2,269	16,341	1,817	4,720	87,279
1932.....	505	1,927	8,200	1,466	20,367	2,300	5,559	69,886
1933.....	270	2,454	5,200	3,179	20,461	2,800	4,528	78,169
1934.....	550	1,933	11,700	3,602	22,376	3,259	6,193	96,426
1935.....	754	1,138	7,300	4,318	26,985	3,656	11,256	123,625
1936.....	540	2,426	6,200	4,221	24,414	4,267	10,002	113,763
1937.....	671	2,041	8,000	6,122	26,235	3,746	16,979	142,109
1938.....	1,380	1,614	10,600	2,892	23,131	2,788	11,335	128,722
1939.....	825	3,114	7,900	4,055	24,465	2,726	13,659	110,257
1940.....	465	3,090	10,000	4,980	29,533	2,827	15,086	137,003
1941.....	1,323	3,391	11,400	5,015	31,759	3,612	23,391	175,499
1942.....	1,425	2,151	8,700	9,567	41,252	4,987	25,178	212,742
1943.....	1,249	2,007	5,800	7,381	29,269	6,847	22,840	185,504
1944.....	1,249	2,977	6,400	9,957	26,099	9,410	30,809	190,018
1945.....	1,367	1,849	12,600	8,637	16,738	9,650	28,389	195,625
1946.....	1,672	4,575	14,500	8,448	23,857	12,397	34,900	223,889
1947 <sup>3</sup> .....	1,669	3,387	3,900	3,909	27,709	5,871	19,506	164,245

<sup>1</sup> Total crop for processing converted to a canned basis by applying the following factors (cases of 24 No. 2 cans per ton farm weight): Cucumbers for pickles, 63 cases; cabbage for kraut, 54 cases; and pimientos, 29 cases.

<sup>2</sup> Equivalent cases of 24 No. 2 cans.

<sup>3</sup> Preliminary.

Bureau of Agricultural Economics. Compiled mainly from reports of the National Cannery Association. Data for pickles, sauerkraut, and (beginning 1941) pimientos computed by B.A.E. In addition to the vegetables shown in this table, considerable quantities of the following products also are canned: Baked beans, carrots and peas, corn on the cob, hominy, kidney beans, mixed vegetables, mushrooms, okra, other greens than spinach, potatoes, rhubarb, sauerkraut juice, soups, spaghetti, succotash, sweetpotatoes, tomato paste, tomato sauce, tomato catsup, and vegetable puree.

TABLE 351.—*Vegetables, canned: Total and per capita civilian consumption (canned-weight basis), United States, pack years 1929-47, and calendar years 1943-47*

Pack year beginning—	Tomatoes		Corn		Peas		Snap beans		Other canned vegetables <sup>1</sup>		Total canned vegetables	
	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita
	Mil. lb.	Lb.	Mil. lb.	Lb.	Mil. lb.	Lb.	Mil. lb.	Lb.	Mil. lb.	Lb.	Mil. lb.	Lb.
1929.....	828.8	6.7	515.0	4.2	547.6	4.4	243.0	2.0	1,348.6	11.0	3,483	28.3
1930.....	792.0	6.4	503.8	4.1	579.1	4.7	235.2	1.9	1,498.9	11.9	3,609	29.0
1931.....	608.4	4.9	420.8	3.4	437.8	3.5	175.8	1.4	1,212.2	9.6	2,855	22.8
1932.....	691.9	5.5	422.7	3.4	371.3	2.9	134.6	1.1	1,074.5	8.5	2,695	21.4
1933.....	682.1	5.4	355.8	2.8	431.7	3.4	157.7	1.2	1,103.7	8.7	2,731	21.5
1934.....	696.8	5.5	386.8	3.0	469.2	3.7	185.4	1.5	1,456.8	11.3	3,195	25.0
1935.....	765.5	6.0	538.7	4.2	540.9	4.2	184.1	1.4	1,468.8	11.4	3,498	27.2
1936.....	696.2	5.4	495.6	3.8	573.0	4.4	197.5	1.5	1,625.7	12.7	3,588	27.8
1937.....	765.2	5.9	510.0	3.9	616.9	4.7	265.5	2.1	1,874.4	14.4	4,033	31.0
1938.....	755.4	5.8	543.8	4.1	647.1	4.9	262.7	2.0	1,818.0	13.9	4,027	30.7
1939.....	757.8	5.7	586.0	4.4	660.5	5.0	296.0	2.2	2,024.7	15.4	4,325	32.7
1940.....	800.3	6.0	597.0	4.5	796.2	6.0	321.9	2.4	2,281.6	17.0	4,797	35.9
1941 <sup>2</sup> .....	767.8	5.8	670.6	5.0	832.1	6.3	276.3	2.1	2,390.2	17.9	4,937	37.1
1942 <sup>2</sup> .....	812.3	6.2	693.9	5.3	720.7	5.5	384.2	2.9	2,372.9	18.3	4,984	38.2
1943 <sup>2</sup> .....	655.6	5.1	658.8	5.1	768.1	5.9	401.4	3.1	1,830.1	14.3	4,314	33.5
1944 <sup>2</sup> .....	440.2	3.4	574.6	4.4	658.0	5.1	350.5	2.7	2,282.7	17.7	4,306	33.3
1945 <sup>2</sup> .....	430.7	3.2	834.2	6.1	1,008.8	7.5	447.7	3.3	3,334.6	24.7	6,056	44.8
1946 <sup>2</sup> .....	555.1	3.9	818.3	5.8	904.6	6.4	448.4	3.2	3,552.6	24.9	6,279	44.2
1947 <sup>2</sup> .....	682.8	4.7	752.9	5.2	914.8	6.3	402.9	2.8	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Calendar year:												
1943 <sup>2</sup> .....	580.8	4.5	636.4	4.9	701.4	5.4	335.9	2.6	2,210.5	17.1	4,465	34.5
1944 <sup>2</sup> .....	638.1	4.9	660.2	5.0	690.2	5.3	382.9	3.0	2,147.6	16.7	4,509	34.9
1945 <sup>2</sup> .....	525.4	4.1	719.5	5.5	929.0	7.2	431.2	3.3	2,943.9	22.7	5,550	42.8
1946 <sup>2</sup> .....	554.7	4.0	862.0	6.2	1,051.7	7.5	447.2	3.2	3,528.4	25.4	6,444	46.3
1947 <sup>2</sup> .....	551.4	3.8	834.9	5.8	836.0	5.8	391.0	2.7	3,087.7	21.6	5,701	39.7

<sup>1</sup> Asparagus, lima beans, beets, carrots, Irish potatoes, pickles (including bulk stock), pimientos, pumpkin and squash, sauerkraut (including bulk stock), spinach, succotash, sweetpotatoes, tomato juice, pulp, catsup, paste, sauce, and chilli sauce, other greens, and mixed vegetables. Excludes baked beans, soups, baby foods, hominy, and other minor vegetables.

<sup>2</sup> The per capita civilian consumption was obtained by dividing the total apparent civilian consumption by the total population adjusted for underenumeration of children under 5 years of age and for members of the armed forces not eating out of civilian supplies. All data preliminary.

<sup>3</sup> Not available.

Bureau of Agricultural Economics. All data revised in this table, beginning with 1934.

## FROZEN VEGETABLES

283

TABLE 352.—Frozen vegetables: United States pack, by varieties, 1937-46

Commodity	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Asparagus.....	6,259	8,030	7,366	5,967	7,510	6,000	10,200	12,300	20,638	28,316
Beans, snap.....	7,304	9,357	6,040	6,041	8,849	13,800	28,000	23,500	31,460	40,975
Beans, lima.....	17,995	19,650	15,412	16,784	20,470	31,000	21,000	30,000	28,476	50,083
Broccoli.....	2,094	2,484	2,700	1,859	3,466	3,200	5,000	8,000	11,656	25,789
Brussels sprouts.....	239	595	668	767	1,868	3,700	5,000	4,900	6,606	13,521
Carrots.....	332	164	411	1,681	1,051	1,000	2,300	900	6,051	9,069
Cauliflower.....	282	497	720	656	1,515	1,200	2,500	4,800	7,391	13,237
Corn, cut.....	4,067	5,670	3,019	4,538	6,919	10,000	21,500	21,000	25,551	42,427
Corn, on cob.....	2,783	2,290	2,589	2,948	2,681	2,300	800	600	445	2,296
Mixed vegetables.....						1,000	2,200	2,900		
Peas.....	26,198	34,084	26,594	35,802	44,072	66,200	75,000	79,200	103,834	140,603
Peas and carrots.....	163	839	509	432	1,143	1,100	1,600	2,100	5,322	7,186
Rhubarb.....						800	4,000	4,400	6,852	10,566
Spinach.....	4,333	3,773	3,753	4,084	4,936	16,600	26,700	32,000	36,721	38,185
Squash and pumpkin.....	407	715	913	644	1,479	2,600	12,000	10,000	7,354	10,000
Succotash.....						100	200	1,100	1,757	3,410
Miscellaneous.....	54	1,604	1,882	768	1,231	2,800	5,300	800	7,865	14,329
Total.....	72,510	89,752	72,677	83,275	107,190	163,400	223,300	238,500	307,977	450,000

Bureau of Agricultural Economics. Data for 1937-41 from "Western Canner and Packer" (Yearbook for 1943); 1942-44, Inter-Agency Supply Estimates Committee, U. S. Department of Agriculture; 1945 and 1946, National Association of Frozen Food Packers.

TABLE 353.—Frozen vegetables: United States pack, 1947

Commodity	East and South <sup>1</sup>	Mid-west <sup>2</sup>	West <sup>3</sup>	Total	Commodity	East and South <sup>1</sup>	Mid-west <sup>2</sup>	West <sup>3</sup>	Total
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds		1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Asparagus.....	4,288	243	6,206	10,737	Peas and carrots.....	1,690		3,611	5,302
Beans, snap.....	16,880	755	13,276	30,911	Pumpkin and squash.....	461	1,505	3,223	5,190
Beans, lima.....	29,327	1,351	36,899	67,578	Rhubarb.....	236	377	924	1,535
Broccoli.....	1,876		8,738	10,614	Spinach.....	15,701		7,578	23,279
Brussels sprouts.....			3,299	3,299	Succotash.....	926	2,193	644	3,763
Carrots.....		381	2,524	2,905	Miscellaneous vegetables <sup>4</sup>	4,566	2,366	4,021	10,953
Cauliflower.....	206		4,625	4,831					
Corn, cut.....	5,127	4,150	17,282	26,559					
Corn, on cob.....	538	459	5,067	6,064					
Peas.....	22,726	16,466	92,594	131,786	Total.....	102,671	32,193	210,443	345,307

<sup>1</sup> Maine, Massachusetts, Connecticut, New York, New Jersey, Pennsylvania, Missouri, Delaware, Maryland, Virginia, North Carolina, Georgia, Florida, Tennessee, Alabama, Mississippi, Arkansas, Louisiana, and Texas.

<sup>2</sup> Ohio, Indiana, Illinois, Michigan, Wisconsin, Minnesota, and Nebraska.

<sup>3</sup> Montana, Idaho, Wyoming, Colorado, Utah, Washington, Oregon, and California.

<sup>4</sup> Includes some packed in the East.

<sup>5</sup> Includes some packed in the Midwest.

<sup>6</sup> Artichokes, beets, beet greens, blackeye peas, broccoli greens, celery, collards, kale, mixed vegetables, mushrooms, mustard greens, okra, peppers, pimientos, soybeans, sweetpotatoes, Swiss chard, tampala, tomatoes, tomato juice, tomato puree, and turnip greens.

National Association of Frozen Food Packers; annual report published in April 1948.



TABLE 354.—Fruits and vegetables: Unloads of 27 commodities as reported at 8 markets,

Commodity	Boston			New York			Philadelphia		
	Rail and boat	Motortruck 1	Total	Rail and boat	Motortruck 1	Total	Rail and boat	Motortruck 1	Total
	Car- lots	Car- lots	Car- lots	Car- lots	Car- lots	Car- lots	Car- lots	Car- lots	Car- lots
<b>Fruits:</b>									
Apples.....	673	1,319	1,992	3,215	4,992	8,207	862	1,931	2,793
Grapefruit.....	1,292	5	1,297	6,133	—	6,133	1,369	85	1,454
Grapes.....	1,913	12	1,925	6,830	24	6,854	1,699	49	1,748
Lemons.....	656	—	656	2,727	—	2,727	781	14	795
Mixed citrus.....	382	—	382	1,515	—	1,515	521	—	521
Oranges.....	5,250	—	5,250	17,854	7	17,861	5,223	259	5,482
Peaches.....	1,104	141	1,245	2,203	2,632	4,835	569	1,335	1,904
Pears.....	656	—	656	3,745	203	3,948	790	101	900
Plums and fresh prunes.....	279	—	279	2,014	18	2,032	497	5	502
Strawberries.....	212	353	565	249	563	812	43	314	357
Tangerines.....	220	2	222	1,030	29	1,059	289	18	307
<b>Total.....</b>	<b>12,637</b>	<b>1,832</b>	<b>14,469</b>	<b>47,515</b>	<b>8,468</b>	<b>55,983</b>	<b>12,652</b>	<b>4,111</b>	<b>16,763</b>
<b>Vegetables:</b>									
Beans (snap, lima, and fava).....	313	444	757	1,735	3,644	5,379	284	1,556	1,840
Cabbage.....	1,042	451	1,493	2,746	2,931	5,677	1,092	1,780	2,872
Cantaloupes.....	1,350	65	1,415	6,350	259	6,609	1,788	342	2,130
Carrots.....	1,343	468	1,811	4,157	707	4,864	1,294	237	1,531
Cauliflower.....	398	265	663	1,369	1,771	3,140	402	512	914
Celery.....	1,047	658	1,705	3,164	1,514	4,678	1,485	557	2,042
Cucumbers.....	220	545	768	1,026	1,912	2,938	117	677	794
Lettuce.....	2,218	768	2,986	7,430	3,056	10,486	3,017	907	3,924
Mixed vegetables.....	827	—	827	3,621	—	3,621	787	—	787
Onions.....	1,758	142	1,900	4,847	2,051	6,898	1,709	707	2,416
Peas, green.....	197	10	207	1,362	79	1,441	517	48	565
Potatoes.....	6,372	903	7,275	11,640	10,766	22,406	4,047	6,227	10,294
Spinach.....	372	462	834	1,057	2,345	3,402	181	791	972
Sweet potatoes.....	255	366	621	611	2,344	2,955	105	1,371	1,476
Tomatoes.....	2,396	386	2,782	6,308	2,373	8,681	1,614	1,402	3,016
Watermelons.....	892	14	906	3,219	266	3,485	1,463	453	1,916
<b>Total.....</b>	<b>21,000</b>	<b>5,950</b>	<b>26,950</b>	<b>60,642</b>	<b>36,018</b>	<b>96,660</b>	<b>19,902</b>	<b>17,567</b>	<b>37,469</b>
<b>Miscellaneous.....</b>	<b>4,530</b>	<b>3,010</b>	<b>7,540</b>	<b>20,494</b>	<b>16,779</b>	<b>37,273</b>	<b>3,469</b>	<b>6,210</b>	<b>9,679</b>
<b>Grand total, 1947.....</b>	<b>38,167</b>	<b>10,792</b>	<b>48,959</b>	<b>128,651</b>	<b>61,265</b>	<b>189,916</b>	<b>36,023</b>	<b>27,888</b>	<b>63,911</b>
<b>Total:</b>									
1938.....	49,742	14,267	64,009	143,609	64,028	208,537	40,802	34,703	75,505
1939.....	49,450	14,033	63,483	138,998	80,503	219,501	41,263	36,233	77,496
1940.....	43,620	16,205	59,825	125,473	82,305	207,778	37,073	37,508	74,581
1941.....	43,246	15,303	58,549	121,454	75,065	196,519	39,244	33,512	72,756
1942.....	36,378	13,858	50,236	109,315	69,879	179,194	35,834	30,085	65,919
1943.....	28,908	10,006	38,914	98,181	64,640	162,821	35,089	25,221	60,310
1944.....	30,899	9,191	40,090	106,702	55,618	162,320	37,153	22,739	59,892
1945.....	38,955	10,117	49,072	110,101	56,310	166,411	38,258	23,373	61,633
1946.....	40,284	9,644	49,928	124,590	60,661	185,251	41,313	26,240	67,553

See footnotes on next page.

FRUIT AND VEGETABLE UNLOADS

285

and a miscellaneous group, by rail, boat, and motortruck, 1947, and total unloads 1938-47

Atlanta			Chicago			Kansas City			Los Angeles			San Francisco		
Rail and boat	Motortruck <sup>1</sup>	Total	Rail and boat	Motortruck <sup>1</sup>	Total	Rail and boat	Motortruck <sup>1</sup>	Total	Rail and boat	Motortruck <sup>1</sup>	Total	Rail and boat	Motortruck <sup>1</sup>	Total
Car- lots	Car- lots	Car- lots	Car- lots	Car- lots	Car- lots	Car- lots	Car- lots	Car- lots	Car- lots	Car- lots	Car- lots	Car- lots	Car- lots	Car- lots
796	465	1,261	3,728	1,239	4,967	801	164	965	1,630	2,222	3,852	443	548	991
225	300	525	2,342	266	2,608	610	22	632	105	2,691	2,196	320	224	544
258	9	267	2,340	131	2,471	342	7	349	38	1,815	1,853	178	351	529
351	1	352	1,304	4	1,308	239	1	240	-----	1,382	1,382	1	273	274
68	-----	68	329	117	446	117	14	131	-----	-----	-----	1	-----	1
747	1,058	1,805	5,825	460	6,285	860	28	888	48	4,427	4,475	63	1,856	1,949
16	912	928	1,604	960	2,564	455	91	546	64	2,813	2,877	3	481	484
49	81	130	1,033	55	1,088	70	2	72	196	736	932	44	108	152
21	-----	21	752	12	764	124	2	126	12	439	451	6	57	63
1	46	47	286	606	892	33	80	113	-----	697	697	-----	232	232
6	138	144	235	127	362	9	8	17	-----	129	129	-----	28	28
4,538	3,010	5,548	19,778	3,860	23,638	3,660	419	4,079	2,093	16,751	18,844	1,089	4,158	5,247
56	1,172	1,228	478	575	1,053	38	79	117	30	1,570	1,600	10	310	320
96	1,415	1,511	1,745	1,227	2,972	456	114	570	67	2,696	2,763	26	479	505
143	704	847	2,461	79	2,540	379	89	468	39	3,109	3,148	23	805	828
197	23	220	2,398	1,116	3,514	518	1	519	195	2,209	2,404	202	636	838
97	18	115	1,430	212	1,642	312	4	316	29	2,504	2,533	1	695	696
164	112	276	2,338	1,312	3,650	448	3	451	25	5,044	5,069	45	825	870
4	94	98	454	847	1,301	37	47	84	4	690	694	3	115	118
726	19	745	6,178	254	6,432	1,416	112	1,528	70	8,074	8,144	40	2,042	2,082
238	85	323	2,301	-----	2,301	598	10	608	33	-----	33	11	-----	11
317	411	728	2,523	1,145	3,668	488	31	519	83	1,195	2,008	610	240	850
4	9	13	372	-----	372	30	1	31	46	446	492	7	243	250
1,729	913	2,642	17,066	41	17,107	3,220	168	3,388	4,111	7,513	11,624	2,407	954	3,361
36	34	70	421	273	694	3	66	69	1	1,064	1,065	7	299	306
1	979	980	1,400	459	1,859	338	51	389	19	837	856	12	264	276
256	1,009	1,265	2,931	984	3,915	561	165	726	381	6,818	7,199	192	1,361	1,553
57	2,449	2,506	2,595	107	2,702	534	139	673	250	2,193	2,443	58	374	432
4,121	9,446	13,567	47,091	8,631	55,722	9,376	1,080	10,456	6,113	45,962	52,075	3,654	9,642	13,286
1,241	3,873	5,114	7,702	4,231	11,933	1,281	566	1,847	6,427	11,248	17,675	1,348	2,869	4,217
7,900	16,329	24,229	74,571	16,722	91,293	14,317	2,065	16,382	14,633	73,961	88,594	6,091	16,669	22,760
4,627	12,207	16,834	69,765	-----	-----	11,800	3,382	15,182	14,805	65,137	79,942	8,436	15,285	23,721
4,371	13,129	17,500	69,559	-----	-----	11,146	3,768	14,914	13,555	69,062	82,617	7,368	17,578	24,946
4,227	13,378	17,605	67,105	17,877	84,982	10,199	3,938	14,137	12,471	74,533	87,004	7,309	17,563	24,872
4,751	15,617	20,368	66,009	21,348	87,357	10,531	5,149	15,680	12,548	72,410	84,958	7,688	17,556	24,944
5,792	13,021	18,813	66,447	17,033	83,480	11,080	4,040	15,120	14,057	60,410	74,467	8,317	16,536	24,853
6,450	10,081	16,531	59,224	14,790	73,014	12,223	4,586	16,809	13,822	56,471	70,293	7,226	16,238	23,494
7,283	10,273	17,556	67,218	15,229	82,447	13,350	2,479	15,838	14,360	57,576	71,745	8,180	15,831	24,011
7,718	11,785	19,503	68,508	14,017	82,525	14,066	3,159	16,265	15,125	63,576	78,701	7,432	16,213	23,645
8,109	15,210	23,319	72,351	16,518	88,869	13,331	2,247	15,578	14,876	70,685	85,561	7,230	16,570	23,800

<sup>1</sup> The reported truck receipts here shown for 1947 are estimated to represent approximately the following percentages of the total 1947 truck receipts in these cities: Atlanta and San Francisco, 95 percent; Philadelphia, Chicago, Kansas City, and Los Angeles, 85 percent; Boston, 80 percent, and New York, 75 percent.

<sup>2</sup> Includes Casaba, Honey Ball, Honey Dew, and Persian melons, and mixed melons of these classes.

Production and Marketing Administration.

TABLE 355.—*Fruits and vegetables, fresh: Volume inspected by the Farm Products Inspection Service, U.S.D.A., United States, 1938-47*

Year beginning July	Inspected at—		Year beginning July	Inspected at—	
	Shipping points	Receiving markets		Shipping points	Receiving markets
	<i>Carlota</i>	<i>Carlota</i>		<i>Carlota</i>	<i>Carlota</i>
1938.....	455,040	48,865	1943.....	555,042	28,737
1939.....	468,293	47,256	1944.....	608,713	30,296
1940.....	498,731	39,131	1945.....	697,271	35,648
1941.....	506,273	38,466	1946.....	758,788	46,506
1942.....	479,249	31,694	1947.....	742,452	40,047

Production and Marketing Administration.—All of the shipping-point inspections were made under cooperative agreements between the Federal and State agencies. Receiving-market inspections were under direct Federal supervision. Some of the shipments inspected at receiving markets had been inspected previously at shipping points.

Shipping-point inspections were mostly for grade, as defined in the Federal standards. A considerable part of the receiving-market inspections was for condition only. Inspections were requested and paid by the shippers and other financially interested parties and were optional with the applicants except when required by State laws or marketing agreements. In addition to the quantities shown, there were inspections of products for canning factories, institutions, steamship lines, and Government agencies, amounting to 199,948 cars in 1947.

The figures, particularly in recent years, include some motortruck or less-than-carlot shipment inspections, which have been converted to a carlot basis. For the year beginning July 1946, shipping-point inspections were made in all 48 States and Hawaii and receiving-market inspections in 58 cities.

TABLE 356.—*Fruits and vegetables, processed: Volume inspected by the Farm Products Inspection Service, U.S.D.A., United States, 1939-47*

Year beginning July	Continuous inspections <sup>1</sup>				Other inspections <sup>2</sup>			
	Canned	Frozen	Dried or dehydrated	Miscellaneous	Canned	Frozen	Dried or dehydrated	Miscellaneous
	<i>1,000 cases</i>	<i>1,000 lb.</i>	<i>1,000 lb.</i>	<i>1,000 lb.</i>	<i>1,000 cases</i>	<i>1,000 lb.</i>	<i>1,000 lb.</i>	<i>1,000 lb.</i>
1939.....	111	1,674	-----	-----	3,434	840	144,000	130
1940.....	4,104	2,500	-----	95	8,784	1,080	2,609	1,600
1941.....	14,096	1,474	-----	422	105,500	72,680	4,850	200,500
1942.....	25,250	2,634	2,952	1,995	166,315	152,670	5,520	1,222,171
1943.....	32,534	2,700	2,113	5,348	173,862	325,474	104,105	301,293
1944.....	36,975	17,554	2,426	6,454	207,870	219,538	8,269	388,107
1945.....	48,641	34,576	693	12,403	55,067	214,350	386,393	266,631
1946.....	54,770	66,312	27,174	20,672	27,262	225,120	112,589	173,376
1947.....	58,337	58,659	23,704	17,178	33,662	236,744	508,658	213,631

<sup>1</sup> Inspected during and after processing, by Department of Agriculture inspectors stationed at plants voluntarily contracting for this service.

<sup>2</sup> Includes estimated coverage in the case of miscellaneous lots and samples inspected.

Production and Marketing Administration.

TABLE 357.—Fruits and vegetables: Cold-storage holdings as of the annual peak and low point, 1938-47

Year	Apples		Pears		Frozen fruits		Frozen vegetables	
	High (Dec. 1)	Low (Aug. 1)	High (Oct. 1)	Low (May 1)	High (Nov. 1)	Low (May 1)	High (Nov. 1)	Low (June 1)
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
1938.....	<sup>1</sup> 32,004	214	4,182	<sup>2</sup> 18	<sup>3</sup> 152,921	<sup>3</sup> 90,307	71,391	21,411
1939.....	30,988	<sup>4</sup> 155	3,324	<sup>2</sup> 10	<sup>4</sup> 143,057	76,180	<sup>5</sup> 78,260	<sup>6</sup> 47,425
1940.....	33,838	<sup>7</sup> 1,138	3,058	55	<sup>4</sup> 166,403	76,069	86,047	46,395
1941.....	<sup>8</sup> 31,325	<sup>7</sup> 2,311	4,179	68	<sup>4</sup> 212,347	81,918	<sup>9</sup> 100,440	43,878
1942.....	35,761	<sup>7</sup> 1,253	4,160	46	<sup>5</sup> 225,104	101,810	<sup>9</sup> 117,796	49,548
1943.....	<sup>10</sup> 30,577	<sup>7</sup> 1,816	4,232	90	243,547	<sup>2</sup> 96,515	<sup>9</sup> 195,509	56,689
1944.....	35,616	227	5,106	<sup>10</sup> 6	301,590	<sup>2</sup> 116,930	186,984	98,910
1945.....	<sup>12</sup> 32,686	<sup>10</sup> 586	5,185	<sup>10</sup> 15	381,267	<sup>2</sup> 159,436	204,093	77,131
1946.....	33,413	112	8,138	<sup>2</sup> 14	516,757	<sup>2</sup> 278,109	<sup>3</sup> 351,474	<sup>4</sup> 140,277
1947.....	35,790	219	6,639	<sup>10</sup> 2	<sup>1</sup> 470,710	319,718	<sup>3</sup> 353,239	230,827

<sup>1</sup> Jan. 1. <sup>2</sup> June 1. <sup>3</sup> Aug. 1. <sup>4</sup> Sept. 1. <sup>5</sup> Oct. 1. <sup>6</sup> May 1.<sup>7</sup> From 1939 to 1943 figures were not gathered for July, August, and September. The figures, as given here, are as of June 1.<sup>8</sup> Nov. 1. <sup>9</sup> Dec. 1. <sup>10</sup> July 1.

Production and Marketing Administration.

TABLE 358.—Almonds (in the shell): Production, season average price per ton received by farmers, and value, California, and imports, United States, 1929-47 <sup>1</sup>

Year	Production	Price	Farm value	Imports, year beginning July <sup>2</sup>	Year	Production	Price	Farm value	Imports, year beginning July <sup>2</sup>
	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Tons</i>		<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Tons</i>
1929.....	4,700	480	2,266	33,258	1939.....	21,600	209	4,514	2,292
1930.....	13,500	200	2,700	22,108	1940.....	12,000	324	3,888	3,309
1931.....	14,800	176	2,605	13,898	1941.....	6,080	704	4,224	6,205
1932.....	14,000	165	2,310	8,177	1942.....	23,800	442	10,520	1,686
1933.....	12,900	156	2,399	5,686	1943.....	17,500	732	12,810	18,876
1934.....	10,900	180	1,962	4,978	1944.....	24,000	744	17,856	37,577
1935.....	9,300	280	2,604	17,927	1945.....	27,200	720	19,584	30,440
1936.....	7,600	402	3,055	19,069	1946.....	37,800	486	18,371	15,067
1937.....	20,000	275	5,500	5,122	1947 <sup>3</sup> .....	20,200	558	16,204	.....
1938.....	15,000	258	3,870	2,510					

<sup>1</sup> The 1940 census reported small quantities of almonds produced in several other States in 1939 but about 99.9 percent of the total production was in California.<sup>2</sup> Shelled nuts converted to in-the-shell basis at ratio of 1 to 3.33.<sup>3</sup> Preliminary.

Bureau of Agricultural Economics. Imports from records of Department of Commerce. Data for 1919-28 in Agricultural Statistics, 1942, table 410.

TABLE 359.—*Filberts (in the shell): Production, season average price per ton received by farmers, and value, Oregon and Washington, and imports, United States, 1929-47*<sup>1</sup>

Year	Oregon			Washington			Oregon and Washington			Imports, year be- ginning July <sup>2</sup>
	Produc- tion <sup>3</sup>	Price	Farm value	Produc- tion	Price	Farm value	Produc- tion <sup>3</sup>	Price	Farm value	
	Tons	Dollars	1,000 dollars	Tons	Dollars	1,000 dollars	Tons	Dollars	1,000 dollars	Tons
1929.....	200	300	60							7,877
1930.....	300	340	102							7,931
1931.....	380	250	95	40	260	10	420	250	105	5,797
1932.....	400	260	80	90	210	19	490	202	99	6,570
1933.....	660	300	270	140	280	39	1,070	297	318	3,525
1934.....	1,000	200	300	210	210	44	1,210	202	244	3,544
1935.....	1,100	260	286	140	285	40	1,240	263	326	3,993
1936.....	1,850	270	500	250	270	68	2,100	270	568	4,798
1937.....	2,220	215	479	310	230	78	2,570	217	557	2,278
1938.....	2,000	220	453	380	250	95	2,440	225	548	2,221
1939.....	3,300	220	726	500	262	155	3,800	226	881	3,493
1940.....	2,700	240	648	510	300	153	3,210	250	801	1,672
1941.....	4,900	300	1,470	850	340	289	5,750	306	1,759	92
1942.....	3,600	346	1,211	670	380	255	4,270	352	1,466	66
1943.....	6,200	500	3,050	830	490	407	7,030	499	3,457	1,173
1944.....	5,600	540	2,970	920	540	497	6,520	540	3,467	8,072
1945.....	4,500	550	2,475	820	558	458	5,320	551	2,933	11,089
1946.....	7,360	380	2,774	1,150	408	469	8,450	384	3,243	13,451
1947 <sup>4</sup> .....	7,700	250	1,925	1,100	290	319	8,800	255	2,244	-----

<sup>1</sup> The 1940 census reported small quantities of hazelnuts (filberts) produced in several other States in 1939, but 99.8 percent of the total production was in Oregon and Washington.

<sup>2</sup> Includes the following quantities unharvested on account of economic conditions (tons): 1942-100; 1943-100; 1944-100. Price and value apply only to the harvested portion of the crop.

<sup>3</sup> Shelled nuts converted to in-the-shell basis at ratio of 1 to 2.22.

<sup>4</sup> Preliminary.

Bureau of Agricultural Economics. Imports from records of Department of Commerce.

TABLE 360.—*Pecans (in the shell): Production, season average price per pound received by farmers, and value, 12 States,<sup>1</sup> and foreign trade, United States, 1929-47*

Year	Improved varieties			Seedlings			Total			Foreign trade	
	Produc- tion	Price <sup>2</sup>	Farm value	Produc- tion	Price <sup>2</sup>	Farm value	Produc- tion	Price <sup>2</sup>	Farm value	Im- ports <sup>3</sup>	Domestic ex- ports <sup>3</sup>
	1,000 pounds	Cents	1,000 dollars	1,000 pounds	Cents	1,000 dollars	1,000 pounds	Cents	1,000 dollars	1,000 pounds	1,000 pounds
1929.....	8,839	31.7	2,803	44,501	11.4	5,064	53,340	14.7	7,867	731	-----
1930.....	13,875	27.7	3,843	45,260	10.8	4,892	57,135	14.9	8,535	503	-----
1931.....	22,002	13.9	3,059	66,461	5.8	3,839	88,463	7.8	6,898	461	-----
1932.....	11,813	13.5	1,596	56,421	4.4	2,480	68,234	6.0	4,076	24	-----
1933.....	22,941	13.0	2,975	55,871	6.0	3,349	78,812	8.0	6,324	711	-----
1934.....	19,468	15.5	3,021	36,704	11.0	4,037	56,172	12.6	7,058	1,035	-----
1935.....	29,464	12.4	3,657	95,021	5.0	4,747	124,485	6.8	8,404	699	363
1936.....	32,257	14.7	4,740	27,530	9.6	2,650	59,787	12.4	7,390	122	1,806
1937.....	40,026	10.9	4,369	67,164	5.8	3,919	107,190	7.7	8,288	465	2,614
1938.....	35,291	11.8	4,153	39,032	7.2	2,817	74,323	9.4	6,970	386	3,853
1939.....	40,944	12.2	4,975	56,116	7.8	4,399	97,060	9.7	9,374	563	2,488
1940.....	42,126	12.8	5,391	80,758	6.9	5,579	122,884	8.9	10,970	358	1,012
1941.....	51,452	12.8	6,583	70,329	8.5	5,972	121,781	10.3	12,535	4	563
1942.....	45,383	18.9	8,571	31,991	14.6	4,673	77,374	17.1	13,244	7	75
1943.....	57,173	28.5	16,277	75,869	19.0	14,381	133,042	23.0	30,658	838	1,206
1944.....	61,218	27.8	16,996	82,001	17.0	13,905	143,219	21.6	30,961	432	3,953
1945.....	59,316	29.1	17,285	81,860	20.0	16,405	141,176	23.9	33,693	850	4,208
1946.....	33,635	40.1	13,484	43,071	28.9	12,465	76,706	33.8	25,919	660	3,001
1947 <sup>4</sup> .....	44,870	29.5	13,220	73,769	18.4	13,560	118,639	22.6	26,780	1,384	600

<sup>1</sup> North Carolina, South Carolina, Georgia, Florida, Alabama, Mississippi, Arkansas, Louisiana, Oklahoma, Texas, and—through 1946—Illinois and Missouri.

<sup>2</sup> Prior to 1937 prices are as of Dec. 1.

<sup>3</sup> Exports of shelled nuts converted to in-the-shell basis at ratio of 1 to 2.5. Imports of shelled nuts converted at ratio of 1 to 2.63.

<sup>4</sup> Preliminary.

Bureau of Agricultural Economics. Foreign trade data from Foreign Commerce and Navigation of the United States. Data for 1919-28 in Agricultural Statistics, 1942, table 412.

TABLE 361.—Pecans (in the shell): Production and season average price per pound received by farmers, by States, average 1936-45, annual 1946 and 1947

## IMPROVED VARIETIES

State	Production			Price for crop of—		
	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>
	1,000 lb.	1,000 lb.	1,000 lb.	Cents	Cents	Cents
North Carolina.....	2,383	1,224	1,734	20.8	40.6	33.0
South Carolina.....	2,021	1,180	2,200	19.6	41.0	27.0
Georgia.....	22,037	13,000	23,532	17.7	42.5	28.5
Florida.....	2,228	2,650	1,670	16.1	36.0	24.4
Alabama.....	7,554	6,642	6,175	16.9	38.4	29.4
Mississippi.....	3,647	1,920	1,305	16.8	36.5	32.0
Arkansas.....	630	250	654	21.8	46.0	25.0
Louisiana.....	2,394	2,250	1,400	18.2	35.1	35.5
Oklahoma.....	996	1,100	3,100	20.4	42.2	31.0
Texas.....	2,582	3,400	3,109	21.3	41.0	35.0
Other States <sup>2</sup> .....	48	19				
United States.....	46,519	33,635	44,870	18.0	40.1	29.5

## SEEDLINGS

North Carolina.....	303	120	306	15.8	31.8	26.0
South Carolina.....	342	226	350	13.8	29.5	18.0
Georgia.....	3,928	3,000	4,153	12.4	31.2	20.5
Florida.....	1,658	1,876	1,104	11.6	29.5	20.0
Alabama.....	1,894	2,098	1,265	12.0	29.8	22.0
Mississippi.....	3,092	2,430	1,595	11.4	28.0	19.0
Arkansas.....	3,125	950	3,196	12.3	34.0	18.0
Louisiana.....	6,457	6,750	3,000	11.7	29.4	21.0
Oklahoma.....	16,014	5,900	40,900	11.4	28.7	17.5
Texas.....	23,023	19,100	17,900	11.6	28.0	19.0
Other States <sup>2</sup> .....	1,427	621				
United States.....	61,265	43,071	73,769	11.6	28.9	18.4

## TOTAL

North Carolina.....	2,686	1,344	2,040	20.2	39.8	32.0
South Carolina.....	2,364	1,406	2,550	18.7	39.2	25.8
Georgia.....	25,965	16,000	27,685	16.8	40.4	27.3
Florida.....	3,896	4,526	2,774	14.2	33.3	22.6
Alabama.....	9,448	8,740	7,440	15.9	36.3	28.1
Mississippi.....	6,739	4,350	2,900	14.3	31.7	24.9
Arkansas.....	3,755	1,200	3,850	13.9	36.5	19.2
Louisiana.....	8,851	9,000	4,400	13.5	30.8	25.6
Oklahoma.....	17,010	7,000	44,000	12.0	30.8	18.5
Texas.....	25,605	22,500	21,000	12.6	30.0	21.4
Other States <sup>2</sup> .....	1,475	640				
United States.....	107,784	76,706	118,639	14.4	33.8	22.6

<sup>1</sup> Preliminary.<sup>2</sup> "Other States" totals include Illinois and Missouri. Estimates of pecan production for those States were discontinued, beginning with the 1947 crop.

Bureau of Agricultural Economics.

TABLE 362—Walnuts, Persian (English), in the shell: Production, season average price per ton received by farmers, and value, California and Oregon, and foreign trade, United States, 1929-47

Year	California			Oregon			California and Oregon			Foreign trade, year beginning July <sup>1</sup>	
	Production <sup>1</sup>	Price	Farm value	Production <sup>1</sup>	Price	Farm value	Production <sup>1</sup>	Price	Farm value	Domestic exports	Imports
	Tons	Dollars	1,000 dollars	Tons	Dollars	1,000 dollars	Tons	Dollars	1,000 dollars	Tons	Tons
1929.....	42,000	320	13,440	1,400	360	504	43,400	321	13,944	-----	24,073
1930.....	29,400	410	12,054	900	400	360	30,300	410	12,414	-----	21,204
1931.....	31,600	219	6,920	2,600	275	715	34,200	223	7,635	-----	15,521
1932.....	45,900	175	8,032	3,200	240	768	49,100	179	8,800	-----	8,044
1933.....	32,700	222	7,259	1,300	280	364	34,000	224	7,623	-----	6,762
1934.....	44,000	187	8,228	3,100	250	775	47,100	191	9,003	-----	6,288
1935.....	53,300	201	10,713	4,100	230	943	57,400	203	11,656	-----	5,108
1936.....	44,200	216	9,547	1,600	255	408	45,800	217	9,955	-----	5,926
1937.....	59,800	180	10,764	2,600	200	380	62,400	181	11,144	-----	5,643
1938.....	49,000	222	10,878	6,300	215	1,354	55,300	221	12,232	-----	4,638
1939.....	57,400	168	9,643	5,100	170	867	62,500	168	10,510	-----	5,438
1940.....	46,400	233	10,811	4,400	200	880	50,800	230	11,691	-----	5,447
1941.....	63,000	253	15,939	7,000	240	1,680	70,000	252	17,619	-----	3,322
1942.....	57,600	308	16,971	3,600	285	901	61,200	307	17,872	-----	302
1943.....	58,500	483	28,256	5,300	420	2,142	63,800	478	30,398	-----	2
1944.....	65,000	446	28,990	6,800	450	2,925	71,800	446	31,915	-----	26
1945.....	64,000	514	32,896	6,900	460	3,082	70,900	509	35,978	-----	455
1946.....	63,000	570	35,910	8,900	440	3,916	71,900	554	39,826	-----	997
1947 <sup>2</sup> .....	59,000	364	21,476	5,600	310	1,705	64,600	359	23,181	-----	-----

<sup>1</sup> Includes the following quantities unharvested on account of economic conditions and/or not utilized because of abnormal cullage (tons): California, 1942-2,500; Oregon, 1937-700; 1942-450; 1943-200; 1944-300; 1945-200; 1947-100. Price and value apply only to the harvested portion of the crop.

<sup>2</sup> Shelled nuts converted to in-the-shell basis at ratio of 1 to 2.38.

<sup>3</sup> Beginning Jan. 1, 1935; not segregated prior to that date.

<sup>4</sup> Preliminary.

Bureau of Agricultural Economics. Foreign trade data from records of Department of Commerce. Data for 1919-28 in Agricultural Statistics, 1942, table 414.



TABLE 363.—*Tree nuts: Estimated commercial production in specified foreign countries, averages 1930-34 and 1935-39, annual 1942-47*

Commodity and country	Averages		1942	1943	1944	1945	1946 <sup>1</sup>	1947 <sup>1</sup>
	1930-34	1935-39						
<b>Almonds (shelled basis):</b>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>
France.....	1,200	700	800	600	1,000	500	700	1,000
French Morocco.....	2,000	2,800	1,600	1,100	600	3,300	2,400	1,000
Iran.....	( <sup>2</sup> )	7,500	5,300	7,000	5,300	6,600	7,700	5,500
Italy.....	29,300	31,800	14,500	21,400	22,700	50,600	33,000	42,000
Portugal.....	2,700	3,000	2,000	2,100	1,700	2,300	3,700	1,100
Spain.....	24,700	23,100	27,000	29,000	20,900	26,400	24,200	22,000
Total.....	<sup>3</sup> 59,900	68,900	51,200	61,200	52,200	89,700	71,700	72,600
<b>Brazil nuts (in the shell):</b>								
Brazil.....	36,500	39,200	14,500	3,600	3,300	6,800	27,500	30,300
Bolivia.....	1,600	3,700	1,700	0	0	100	0	100
Total.....	38,100	42,900	16,200	3,600	3,300	6,900	27,500	30,400
<b>Filberts (in the shell):</b>								
Italy.....	22,900	24,000	19,100	15,400	21,300	15,700	47,800	9,900
Spain.....	24,300	26,800	19,800	17,600	38,000	18,000	18,200	33,000
Turkey.....	49,700	65,400	68,800	60,500	52,800	33,000	90,600	88,400
Total.....	96,900	116,200	107,700	93,500	112,100	66,700	156,000	101,300
<b>Walnuts, Persian (English) (in the shell):</b>								
Bulgaria.....	3,200	4,700	5,000	4,100	4,400	2,200	3,000	3,000
France.....	39,000	38,300	24,100	12,900	22,000	12,100	20,900	27,500
Hungary.....	3,000	2,100	2,800	2,200	1,900	1,100	3,200	3,300
Italy.....	15,700	16,500	15,000	10,900	13,800	16,500	13,800	13,800
Rumania.....	10,700	14,200	4,400	3,300	1,600	1,400	1,100	1,000
Turkey.....	7,800	8,000	8,800	5,500	5,500	2,000	5,000	2,200
Yugoslavia.....	8,200	7,500	2,200	1,600	2,200	5,100	5,000	1,000
Total.....	87,600	91,300	62,300	40,500	51,400	40,400	52,000	51,800

<sup>1</sup> Preliminary.<sup>2</sup> No data available.<sup>3</sup> Excluding Iran.

Office of Foreign Agricultural Relations. Compiled from trade reports and official sources. Data for 1930-41 in Agricultural Statistics, 1945, tables 333, 334, 336, and 340.

TABLE 364.—Tree nuts: Supply and distribution, United States, 1909-48<sup>1</sup>

Crop year	U. S. production <sup>2</sup>	Imports <sup>3</sup>	Total supply	Exports <sup>4</sup>	Shipments to Territories	Military and war services <sup>4</sup>	Civilian disappearance	Loss in shelling process	Net civilian disappearance	
									Total	Per capita
									In-the-shell basis	
									Shelled basis	
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	Pounds
1909	23,000	148,302	171,302					171,302	98,183	0.80
1910	26,600	138,177	164,777					164,777	95,491	0.74
1911	29,000	143,091	172,091					172,091	97,710	0.79
1912	32,000	125,783	157,783					157,783	92,209	0.68
1913	27,400	161,368	188,768					188,768	106,516	0.84
1914	23,800	142,000	165,800					165,800	95,231	0.70
1915	37,400	147,782	185,182					185,182	105,832	0.79
1916	37,400	164,750	202,150					202,150	121,925	0.80
1917	42,000	165,685	207,685					207,685	124,716	0.80
1918	54,200	153,014	207,214					207,214	128,200	0.75
1919	145,370	238,236	383,606					383,606	230,357	1.45
1920	68,275	169,582	237,857					237,857	122,691	0.98
1921	107,255	265,890	373,145					373,145	217,801	1.24
1922	88,155	237,987	326,142	4,818				321,324	184,941	1.03
1923	133,930	249,351	383,281	6,263				377,018	216,259	1.42
1924	103,298	246,879	350,177	4,382				345,795	197,266	1.26
1925	140,563	223,350	363,913	4,972				358,941	207,129	1.31
1926	160,261	221,076	381,337	6,145				375,192	213,835	1.36
1927	164,824	165,898	330,722	6,206				324,516	192,833	1.10
1928	151,750	208,293	360,043	5,315				354,728	204,822	1.49
1929	149,940	183,171	333,111	6,808	567			325,736	192,482	1.09
1930	145,335	186,242	331,577	7,303	494			323,780	192,800	1.05
1931	187,303	182,141	369,444	9,417	635			359,392	218,249	1.15
1932	195,414	125,706	321,120	6,845	583			313,692	186,278	1.11
1933	174,752	142,401	317,153	25,710	613			290,830	179,126	0.88
1934	174,592	163,505	338,097	12,462	609			325,026	201,144	0.97
1935	260,365	214,274	474,639	18,241	626			455,772	285,988	1.32
1936	170,787	236,878	407,665	18,323	658			388,684	246,466	1.21
1937	277,130	197,005	474,135	15,063	717			458,355	286,017	1.32
1938	219,803	211,097	430,900	17,207	831			412,862	261,418	1.30
1939	273,040	199,106	472,146	12,758	1,009			458,379	285,800	1.30
1940	254,904	245,838	500,742	5,494	952			494,296	316,684	1.23
1941	284,907	205,848	490,755	6,085	1,156			483,514	314,936	1.35
1942	255,914	64,375	320,289	1,726	938	2,000		315,625	194,228	1.03
1943	309,702	77,452	387,154	6,956	941	2,160		377,097	237,384	1.19
1944	347,859	182,648	530,507	8,202	2,348	12,936		507,121	328,230	1.38
1945	348,016	239,277	587,293	29,252	2,032	7,586		548,423	358,000	1.41
1946	313,006	251,051	564,057	15,799	1,633	1,924		544,491	344,491	1.38
1947	323,840	245,463	569,303	10,267	1,610			557,426	362,327	1.35
1948 <sup>5</sup>	366,692									

<sup>1</sup> These data on tree nuts include almonds, filberts, pecans, walnuts, Brazil nuts, pignolia, pistache, chestnuts, cashews, and miscellaneous tree nuts.

<sup>2</sup> Almonds, filberts, walnuts, and pecans only; no reports on other nuts.

<sup>3</sup> Foreign trade data on a fiscal-year basis, beginning July 1 of year indicated.

<sup>4</sup> Estimated requirements.

<sup>5</sup> As of Dec. 1.

Bureau of Agricultural Economics.

TABLE 365.—*Coffee: Estimated exportable production in principal producing countries, averages 1930-34 and 1935-39, annual 1941-47*<sup>1</sup>

Continent and country	Average		1941	1942	1943	1944	1945	1946 <sup>4</sup>	1947 <sup>4</sup>
	1930-34 <sup>2</sup>	1935-39 <sup>3</sup>							
	1,000 bags <sup>5</sup>	1,000 bags <sup>5</sup>	1,000 bags <sup>5</sup>	1,000 bags <sup>5</sup>	1,000 bags <sup>5</sup>	1,000 bags <sup>5</sup>	1,000 bags <sup>5</sup>	1,000 bags <sup>5</sup>	1,000 bags <sup>5</sup>
<b>North America:</b>									
Costa Rica.....	326	330	350	383	314	392	205	313	410
El Salvador.....	835	1,011	989	1,021	936	815	748	978	1,035
Guatemala.....	668	810	830	863	857	860	812	900	850
Honduras.....	25	27	33	31	42	50	30	50	55
Mexico.....	527	609	536	535	508	450	550	525	565
Nicaragua.....	236	253	245	161	189	197	180	180	240
Dominican Republic..	136	222	207	166	188	188	105	193	135
Haiti.....	481	438	373	270	429	383	400	400	365
Total.....	3,234	3,700	3,563	3,430	3,463	3,335	3,030	3,539	3,655
<b>Asia:</b>									
Arabian States.....	78	77	70	70	75	80	83	100	100
India.....	145	155	71	69	51	22	24	50	40
Netherlands Indies....	1,388	1,356	(*)	(*)	(*)	(*)	(*)	(*)	(*)
Total.....	1,611	1,588	141	139	126	102	107	150	140
<b>South America:</b>									
Brazil.....	22,523	22,638	15,797	13,613	12,160	8,277	12,700	14,563	16,687
Colombia.....	3,300	4,202	5,132	4,927	5,167	5,051	5,051	6,040	6,000
Ecuador.....	167	225	178	86	170	198	185	120	185
Peru.....	42	47	37	35	44	49	50	15	0
Venezuela.....	796	740	941	300	200	669	500	550	600
Total.....	26,828	27,850	22,085	18,961	17,741	14,244	17,986	21,288	23,472
<b>Africa:</b>									
Belgian Congo.....	142	300	396	411	448	480	400	7496	7525
British East Africa....	542	775	726	647	685	686	740	775	825
Ethiopia.....	280	263	(*)	(*)	198	222	257	250	250
French Equatorial Africa.....	6	31	27	102	52	37	46	50	50
French Cameroons.....	11	52	110	141	84	80	100	85	90
Ivory Coast.....	40	224	333	384	408	653	607	732	700
Madagascar.....	233	437	442	342	342	284	317	392	332
Angola <sup>6</sup> .....	183	273	296	333	335	383	526	783	676
Total.....	1,437	2,355	2,330	2,360	2,552	2,825	2,993	3,563	3,448
Total of data shown..	33,110	35,493	28,119	24,890	23,882	20,506	24,116	28,540	30,715

<sup>1</sup> Figures are for crop years. Generally the main coffee-harvesting period begins in the fall months of the year shown and extends into the early months of the following year, except in certain Southern Hemisphere countries such as Brazil, Madagascar, and the Netherlands Indies, where the main harvest begins in May or June of the year shown.

<sup>2</sup> Exports for 1931-35 used for all countries except Brazil and Colombia.

<sup>3</sup> Exports used in cases where other data are not obtainable.

<sup>4</sup> Preliminary.

<sup>5</sup> Bags of 132.276 pounds (60 kilograms).

<sup>6</sup> No data available.

<sup>7</sup> Includes Ruanda—Urundi.

<sup>8</sup> Revised on basis of new data received.

Office of Foreign Agricultural Relations. Prepared or estimated on the basis of official statistics of foreign governments, reports of United States foreign service officers, results of office research, and other information.

TABLE 366.—Cacao beans: Exports from principal producing countries, averages 1930-34 and 1935-39, annual 1941-47

Continent and country	Averages		1941	1942	1943	1944	1945	1946 <sup>1</sup>	1947 <sup>1</sup>
	1930-34	1935-39							
The Americas:	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Costa Rica.....	14,690	14,356	12,430	12,397	12,225	9,221	2,881	8,750	10,552
Nicaragua.....	426	792	478	514	537	91	289	897	598
Panama.....	<sup>2</sup> 7,890	<sup>2</sup> 10,418	6,542	4,309	6,149	3,624	817	4,781	6,509
Cuba.....	869	93	35						
Dominica.....	317	315	407	251	402	333	297	( <sup>3</sup> )	( <sup>3</sup> )
Dominican Republic.....	46,948	54,049	42,521	39,117	61,537	56,354	41,347	55,548	66,134
Grenada.....	9,612	8,536	7,251	5,951	7,873	6,985	6,522	5,804	( <sup>3</sup> )
Haiti <sup>4</sup> .....	2,980	3,349	3,317	2,749	3,890	3,221	2,787	2,765	4,194
Jamaica.....	5,159	4,750	4,922	4,689	4,850	4,581	1,996	3,191	4,067
Trinidad and Tobago.....	46,190	31,635	18,787	10,108	8,009	10,623	7,732	6,627	8,979
Brazil.....	194,218	263,980	293,088	158,519	253,793	224,693	183,938	287,613	218,350
Ecuador.....	35,166	<sup>2</sup> 42,372	31,818	30,338	40,038	30,313	37,097	35,617	43,324
Venezuela.....	35,179	36,934	28,365	26,795	32,960	35,383	27,696	28,810	22,900
Total.....	399,644	471,579	449,961	295,737	432,263	385,422	313,399	440,303	385,607
Africa:									
Belgian Congo.....	2,490	2,809	2,822	3,210	1,748	1,687	4,345	2,406	2,402
French Cameroons.....	31,806	58,349	44,910	33,144	71,546	77,366	84,762	73,975	( <sup>3</sup> )
Ivory Coast and Dahomey.....	64,280	109,937	94,723	63,038	1,199	32,350	59,399	62,562	( <sup>3</sup> )
French Togoland <sup>5</sup> .....	14,480	20,630	6,537	7,937	5,569	4,332	6,349	4,074	( <sup>3</sup> )
Gold Coast <sup>6</sup> .....	598,395	609,363	490,126	277,529	419,648	454,346	484,359	529,348	396,789
Nigeria <sup>7</sup> .....	141,071	<sup>2</sup> 216,318	234,485	134,259	195,971	156,914	172,489	224,417	248,134
Angola.....	<sup>2</sup> 586	679	336	429	417	220	227	873	784
Sao Thome and Principe.....	<sup>2</sup> 24,369	22,496	11,323	9,436	11,043	27,015	17,882	22,734	( <sup>3</sup> )
Spanish Guinea.....	23,512	<sup>2</sup> 25,168	<sup>2</sup> 24,894	<sup>2</sup> 30,750	<sup>2</sup> 28,296	<sup>2</sup> 28,605	<sup>2</sup> 32,436	<sup>2</sup> 29,586	( <sup>3</sup> )
Total.....	810,989	1,065,749	910,456	559,732	735,437	782,835	862,248	949,975	-----
Asia and Oceania:									
Ceylon.....	8,575	7,931	<sup>2</sup> 8,117	7,274	6,978	5,145	4,524	3,051	4,007
Netherlands Indies.....	<sup>2</sup> 3,587	<sup>2</sup> 3,348	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
New Hebrides.....	4,095	3,916	3,748	3,307	2,425	3,748	2,646	( <sup>3</sup> )	( <sup>3</sup> )
Western Samoa.....	1,931	2,326	3,761	3,927	2,533	3,089	4,402	4,224	5,327
Total.....	18,188	17,521	15,626	14,508	11,936	11,982	11,572	7,275	9,424
Total of data shown.....	1,228,821	1,554,849	1,376,043	869,977	1,179,636	1,180,239	1,187,219	1,397,553	-----

<sup>1</sup> Preliminary.<sup>2</sup> Revised.<sup>3</sup> Not available.<sup>4</sup> 12 months ended Sept. 30 of year shown.<sup>5</sup> Includes some Gold Coast cacao.<sup>6</sup> Includes British Mandated Togoland.<sup>7</sup> Includes British Mandated Cameroons.<sup>8</sup> 3-year average.<sup>9</sup> Imports into Spain.

Office of Foreign Agricultural Relations. Prepared from official statistics of foreign governments and reports of United States foreign service officers.

TABLE 367.—*Tea: Exports from principal producing countries, averages 1930-34 and 1935-39, annual 1941-47*

Continent and country	Averages		1941	1942	1943	1944	1945	1946 <sup>1</sup>	1947 <sup>1</sup>
	1930-34	1935-39							
Asia:	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
British India <sup>2</sup> .....	343,849	331,243	381,951	322,917	407,520	415,484	362,770	( <sup>4</sup> )	( <sup>4</sup> )
Ceylon.....	234,931	221,568	237,537	265,675	263,885	276,215	232,003	291,775	287,259
China.....	93,934	79,483	20,102	3,194	2,863	1,134	( <sup>4</sup> )	15,211	36,251
French Indochina.....	1,625	3,913	4,136	26	( <sup>4</sup> )	220	( <sup>4</sup> )	( <sup>4</sup> )	1,470
Formosa (Taiwan).....	17,325	21,919	16,209	14,989	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
Japan.....	27,303	43,280	27,111	11,370	18,582	14,855	16,211	7,543	6,695
Netherlands Indies.....	161,219	153,175	167,048	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	6,100	8,670
Africa:									
Kenya.....	<sup>3</sup> 1,130	8,218	10,370	11,520	9,528	9,238	9,526	8,951	9,586
Uganda.....	<sup>3</sup> 15	135	894	1,440	1,117	1,428	2,033	1,342	2,417
Nyasaland.....	2,875	8,834	12,283	12,382	10,975	12,483	13,717	13,839	12,940
Tanganyika.....	3	216	761	1,081	1,126	735	896	1,401	1,001
Total of data shown.....	884,209	871,984	878,402	644,594	715,596	731,792	637,156	-----	-----

<sup>1</sup> Preliminary.<sup>2</sup> 12 months beginning Apr. 1 of year shown.<sup>3</sup> Revised.<sup>4</sup> No data available.<sup>5</sup> Included with China.<sup>6</sup> Does not include exports from Sumatra during December 1941.

Office of Foreign Agricultural Relations. Prepared from official statistics of foreign governments, publications of the International Tea Committee, and reports of United States foreign service officers.

## CHAPTER V

### STATISTICS OF HAY, SEEDS, AND MINOR FIELD CROPS

The statistics in chapter V deal with hay, pasture, seeds, and various minor field crops. The reader will note a break in the continuity of some of the hay series; this results from a change in the method of estimating prairie or wild hay. Beginning in 1939, wild hay is estimated for only 22 Western States. In the remaining 26 States, wild hay is now included in "other hay," along with the kinds formerly grouped as "miscellaneous tame hay." Therefore, the group "all tame hay" can no longer be segregated in the table entitled "Hay, by kinds: Acreage and production, United States, 1929-47," as has been done in the past. And under both acreage harvested and production, the estimates from 1939 to date in the columns headed "Other hay" and "Wild hay" are not quite comparable with estimates for previous years.

TABLE 368.—*Hay: Acreage, production, season average price per ton received by farmers, value, and foreign trade, United States, 1929-47*

Year	Acreage harvested	Yield per acre	Production	Price	Farm value	Foreign trade, year beginning July <sup>1</sup>	
						Domestic exports	Imports
	1,000 acres	Tons	1,000 tons	Dollars	1,000 dollars	1,000 tons	1,000 tons
1929	67,828	1.26	85,281				
1929	69,531	1.26	87,357	10.94	955,768	9	60
1930	67,947	1.10	74,527	11.06	823,985	6	121
1931	68,160	1.10	75,203	8.73	650,321	3	20
1932	70,412	1.19	83,721	6.26	518,989	2	9
1933	68,439	1.10	75,072	8.09	607,271	2	2
1934	68,625	.90	62,084				
1934	65,387	.93	60,485	13.18	797,141	3	88
1935	68,550	1.32	90,364	7.52	679,252	2	5
1936	67,732	1.03	70,014	11.16	781,329	3	204
1937	66,001	1.26	83,002	8.74	725,719	111	23
1938	68,175	1.34	91,420	6.78	619,942	3	30
1939	65,979	1.25	82,413				
1939	69,243	1.25	86,533	7.94	686,903	4	65
1940	73,058	1.31	96,050	7.59	728,763	6	28
1941	73,136	1.31	95,754	9.70	928,568	3	5
1942	74,827	1.44	107,717	10.80	1,161,362	2	40
1943	77,004	1.34	103,128	14.80	1,523,795	2	372
1944	(5)		99,395				
1944	77,541	1.33	102,745	16.50	1,698,149	8	130
1945	77,017	1.41	108,539	15.10	1,641,426	29	229
1946	74,173	1.36	100,739	16.70	1,678,505	18	133
1947	75,291	1.36	102,500	17.80	1,821,533		

<sup>1</sup> Compiled from Monthly Summary of Foreign Commerce of the United States, January and June issues, and official records of the Department of Commerce.

<sup>2</sup> Imports for consumption beginning 1933.

<sup>3</sup> Not available. Acreage, excluding peanut hay, was 72,286,611 acres.

<sup>4</sup> Preliminary.

Bureau of Agricultural Economics. Italic figures are census returns.

TABLE 369.—Hay, by kinds: Acreage and production, United States, 1929-47

## ACREAGE HARVESTED

Year	Alfalfa	Clover and timothy	Sweet-clover	Lespedeza	Soybean	Cowpea	Peanut-vine	Grains cut green for hay	Other hay <sup>1</sup>	Wild hay <sup>1</sup>	All hay
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres
1929	11,529	29,867	952	349	1,774	953	1,252	3,208	5,857	13,790	69,531
1930	11,609	26,990	853	440	2,062	1,091	1,045	3,933	5,973	13,951	67,947
1931	11,740	24,978	812	584	2,772	1,571	1,415	5,976	6,255	12,057	68,160
1932	12,607	23,449	842	893	2,738	2,451	1,509	5,018	6,612	14,263	70,412
1933	12,713	23,249	739	1,171	2,506	1,991	1,242	5,559	6,640	12,629	68,439
1934	11,691	20,143	744	1,850	4,227	2,321	1,528	6,793	7,064	9,026	65,387
1935	13,548	19,746	647	2,715	4,044	1,975	1,510	4,621	6,790	12,948	68,550
1936	14,062	21,029	1,118	2,253	3,116	2,006	1,617	5,629	5,777	11,125	67,732
1937	13,533	18,105	667	3,090	3,469	2,239	1,502	4,541	6,774	12,072	66,001
1938	13,366	19,524	935	3,669	3,724	1,915	1,664	3,702	7,113	12,563	68,175
1939	13,257	18,674	998	4,731	4,590	1,863	1,858	3,913	7,838	11,521	69,243
1940	14,023	20,451	758	5,062	4,819	1,976	1,983	3,981	8,247	11,758	73,058
1941	15,195	20,000	1,005	5,540	3,546	1,887	1,808	3,637	8,096	12,452	73,136
1942	16,199	20,681	668	6,730	2,621	1,760	2,957	2,724	7,683	12,804	74,827
1943	15,518	22,076	491	6,382	3,177	1,215	3,595	2,900	7,690	13,960	77,004
1944	15,233	23,279	437	6,062	2,583	793	2,946	2,898	8,186	15,124	77,541
1945	15,261	23,506	484	7,144	1,939	715	2,928	2,728	7,780	14,532	77,017
1946	14,412	24,320	370	6,394	1,533	505	2,969	2,457	7,412	13,861	74,173
1947 <sup>2</sup>	14,908	23,402	332	6,545	1,372	449	3,142	2,454	8,087	14,600	75,291

## PRODUCTION

	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons
1929	23,787	38,139	1,098	380	2,051	805	574	3,433	5,751	11,339	87,357
1930	22,713	27,187	887	331	1,938	764	456	4,107	5,322	10,822	74,527
1931	21,396	27,620	839	632	3,479	1,416	698	4,871	6,038	8,214	75,203
1932	25,924	25,831	975	923	3,433	2,059	692	5,293	6,638	11,953	83,721
1933	24,113	24,072	750	1,298	2,917	1,692	527	4,702	6,225	8,776	75,072
1934	19,036	16,512	620	1,709	4,545	1,830	660	4,849	5,922	4,802	60,485
1935	28,564	25,804	834	2,854	5,422	1,584	782	5,172	7,419	11,929	90,364
1936	24,737	20,588	1,016	1,800	3,002	1,438	755	4,369	4,987	7,322	70,014
1937	26,685	23,198	805	3,287	4,731	1,949	802	4,544	7,232	9,769	83,002
1938	28,503	26,278	1,173	4,293	5,335	1,670	869	4,278	7,955	11,066	91,420
1939	26,935	22,420	1,163	5,049	6,772	1,599	845	4,033	8,272	9,425	86,533
1940	30,286	27,557	926	5,105	6,450	1,683	1,105	4,348	9,094	9,496	96,050
1941	32,917	24,350	1,319	5,647	4,616	1,567	933	4,383	8,763	11,259	95,754
1942	37,162	30,002	892	7,714	3,555	1,483	1,365	3,656	9,018	12,870	107,717
1943	33,442	31,322	622	6,254	3,837	908	1,692	3,788	8,758	12,505	103,128
1944	33,270	31,633	547	5,671	3,041	633	1,312	3,586	8,923	14,129	102,745
1945	34,462	35,071	599	7,848	2,476	646	1,412	3,567	9,208	13,250	108,539
1946	31,741	34,341	421	7,198	1,984	451	1,405	3,083	8,571	11,544	100,739
1947 <sup>3</sup>	33,475	32,569	395	6,768	1,666	366	1,421	3,058	9,476	13,306	102,500

<sup>1</sup> Includes small quantities of kinds of hay in the other columns, in some States where they are not of sufficient importance to estimate separately.

<sup>2</sup> Beginning 1939, estimates for 22 States only, as shown in table 370.

<sup>3</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1924-28 in Agricultural Statistics, 1942, table 429, and for 1919-23 in 1941 book, table 414.



TABLE 370.—Hay, alfalfa, clover and timothy, wild, and lespedeza: Acreage and production, by States, average 1936-45, annual 1946 and 1947

State and division	Alfalfa hay						Clover and timothy hay <sup>2</sup>								
	Acreage harvested			Production			Acreage harvested			Production					
	Average	1946	1947 <sup>1</sup>	Average	1946	1947 <sup>1</sup>	Average	1946	1947 <sup>1</sup>	Average	1946	1947 <sup>1</sup>	Average	1946	1947 <sup>1</sup>
	1,000 acres 1936-45	1,000 acres	1,000 acres	1,000 tons 1936-45	1,000 tons	1,000 tons	1,000 acres 1936-45	1,000 acres	1,000 acres	1,000 tons 1936-45	1,000 tons	1,000 tons	1,000 tons 1936-45	1,000 tons	1,000 tons
Maine.....	5	4	4	7	8	9	6	473	459	430	492	513	494	251	235
New Hampshire.....	3	4	4	7	8	9	176	193	168	219	251	235	219	251	235
Vermont.....	20	24	24	41	50	53	590	627	589	804	940	913	804	940	913
Massachusetts.....	11	11	11	24	25	25	219	231	210	355	427	378	355	427	378
Rhode Island.....	1	1	1	2	2	2	17	19	17	24	28	28	24	28	28
Connecticut.....	20	25	25	50	61	60	141	154	142	216	262	241	216	262	241
New York.....	398	339	322	760	695	676	2,806	2,834	2,721	3,920	4,676	4,490	3,920	4,676	4,490
New Jersey.....	66	60	60	140	126	135	123	144	137	167	230	219	167	230	219
Pennsylvania.....	279	288	271	529	547	528	1,924	2,098	2,014	2,514	3,042	2,920	2,514	3,042	2,920
North Atlantic.....	802	756	722	1,560	1,520	1,494	6,471	6,789	6,428	8,710	10,369	9,918	8,710	10,369	9,918
Ohio.....	463	420	412	892	840	803	1,771	1,994	1,994	2,267	2,891	2,592	2,267	2,891	2,592
Indiana.....	445	373	380	799	690	722	938	1,132	996	1,084	1,415	1,195	996	1,084	1,415
Illinois.....	494	482	521	1,086	1,157	1,172	1,232	1,597	1,469	1,594	2,156	2,057	1,469	1,594	2,156
Michigan.....	1,221	1,040	1,092	1,918	1,404	1,693	1,215	1,494	1,404	1,511	1,793	1,685	1,404	1,511	1,793
Wisconsin.....	1,070	820	984	2,280	1,517	2,263	2,405	2,993	2,815	3,713	4,296	4,222	2,815	3,713	4,296
Minnesota.....	1,229	913	822	2,400	1,917	1,685	922	1,284	1,284	1,330	1,862	1,798	1,284	1,330	1,862
Iowa.....	944	702	737	2,032	1,615	1,585	1,851	2,359	2,383	2,417	3,421	3,336	2,383	2,417	3,421
Missouri.....	267	283	320	644	792	736	1,108	1,361	1,361	1,014	1,497	1,497	1,361	1,014	1,497
North Dakota.....	148	186	166	201	232	232	6	5	4	7	5	8	4	7	5
South Dakota.....	294	385	412	399	539	639	10	18	15	11	18	17	10	18	17
Nebraska.....	797	913	1,004	1,308	1,735	2,058	13	40	40	14	46	46	13	40	40
Kansas.....	653	826	1,016	1,209	1,569	1,981	40	95	114	48	114	137	40	95	114
North Central.....	8,036	7,343	7,866	15,169	14,007	15,569	11,531	14,342	13,879	15,010	19,514	18,587	15,010	19,514	18,587
Delaware.....	5	6	6	11	13	14	34	31	28	42	43	39	42	43	39
Maryland.....	42	50	51	84	100	105	290	309	306	341	417	382	309	306	341
Virginia.....	59	80	94	120	184	207	444	543	478	503	733	502	478	503	733
West Virginia.....	41	52	56	82	109	118	394	466	461	445	606	507	466	461	445
North Carolina.....	8	17	19	16	39	45	68	89	84	72	111	97	89	84	72
Georgia.....	4	3	3	7	5	5	6	8	8	5	7	7	6	8	8
South Atlantic.....	162	208	229	322	450	494	1,236	1,446	1,365	1,408	1,917	1,534	1,408	1,917	1,534
Kentucky.....	189	264	264	377	581	607	343	478	502	394	645	703	343	478	502
Tennessee.....	86	161	171	186	394	419	172	218	207	189	283	259	172	218	207
Alabama.....	5	10	11	8	21	18	5	5	5	4	5	5	5	5	5
Mississippi.....	64	53	51	145	127	107	9	14	13	10	20	13	9	14	13
Arkansas.....	94	92	105	218	239	252	23	35	31	23	38	34	23	35	31
Louisiana.....	25	19	16	53	45	32	15	26	24	16	26	25	15	26	24
Oklahoma.....	275	357	421	515	607	800	---	---	---	---	---	---	---	---	---
Texas.....	110	122	134	270	354	335	---	---	---	---	---	---	---	---	---
South Central.....	848	1,078	1,173	1,772	2,368	2,570	568	776	782	636	1,017	1,039	568	776	782
Montana.....	648	798	790	1,062	1,237	1,264	172	213	210	236	288	274	172	213	210
Idaho.....	800	804	772	1,950	2,010	2,007	121	107	100	162	135	135	121	107	100
Wyoming.....	342	359	345	676	674	569	86	80	86	104	104	106	86	80	86
Colorado.....	639	612	606	1,291	1,255	1,333	151	158	155	220	221	240	151	158	155
New Mexico.....	126	143	146	334	429	423	9	15	13	12	19	18	9	15	13
Arizona.....	186	233	210	472	629	514	---	---	---	---	---	---	---	---	---
Utah.....	442	408	388	972	898	931	24	25	25	39	40	44	24	25	25
Nevada.....	109	108	108	261	262	292	25	32	34	33	45	54	25	32	34
Washington.....	300	311	302	728	809	740	192	181	163	406	389	350	192	181	163
Oregon.....	261	246	246	722	640	652	110	117	112	197	216	202	110	117	112
California.....	845	1,005	1,005	3,650	4,623	4,623	37	39	39	67	68	68	37	39	39
Western.....	4,717	5,027	4,918	12,017	13,396	13,348	927	967	948	1,478	1,524	1,491	927	967	948
United States.....	14,565	14,412	14,908	30,840	31,741	33,475	20,732	24,320	23,402	27,242	34,341	32,669	20,732	24,320	23,402

See footnotes at end of table.

TABLE 370.—Hay, alfalfa, clover and timothy, wild, and lespedeza: Acreage and production, by States, average 1936-45, annual 1946 and 1947—Continued

State and division	Wild hay <sup>1</sup>						Lespedeza hay <sup>4</sup>					
	Acreage harvested			Production			Acreage harvested			Production		
	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>
	1,000 acres	1,000 acres	1,000 acres	1,000 tons	1,000 tons	1,000 tons	1,000 acres	1,000 acres	1,000 acres	1,000 tons	1,000 tons	1,000 tons
Ohio.....							<sup>5</sup> 9	<sup>5</sup> 9	<sup>5</sup> 9	<sup>5</sup> 10	11	12
Indiana.....							81	89	100	88	102	120
Illinois.....							104	83	108	107	91	119
Wisconsin.....	167	110	106	190	126	122						
Minnesota.....	1,460	1,282	1,308	1,558	1,410	1,439						
Iowa.....	128	86	80	144	103	96						
Missouri.....	149	150	150	163	150	195	1,012	1,261	1,450	1,031	1,261	1,450
North Dakota.....	1,999	2,370	2,607	1,666	2,014	2,346						
South Dakota.....	2,162	2,893	3,067	1,629	2,025	2,300						
Nebraska.....	2,692	2,707	2,815	1,861	1,760	2,252						
Kansas.....	620	638	702	641	478	772	<sup>5</sup> 64	70	108	<sup>5</sup> 71	63	113
North Central.....	9,378	10,236	10,835	7,751	8,066	9,522	1,249	1,512	1,775	1,283	1,528	1,814
Delaware.....							<sup>5</sup> 11	14	17	<sup>5</sup> 12	16	18
Maryland.....							<sup>5</sup> 27	36	40	<sup>5</sup> 29	45	52
Virginia.....							381	479	460	396	527	437
West Virginia.....							<sup>5</sup> 26	18	20	<sup>5</sup> 27	20	22
North Carolina.....							380	505	530	408	581	556
South Carolina.....							103	241	222	92	241	189
Georgia.....							109	215	200	92	183	170
South Atlantic.....							1,023	1,508	1,489	1,042	1,613	1,444
Kentucky.....							679	794	754	751	992	942
Tennessee.....							1,172	1,166	1,119	1,231	1,399	1,231
Alabama.....							112	114	104	92	114	88
Mississippi.....							237	344	334	270	482	384
Arkansas.....	172	210	218	176	231	196	490	747	732	474	822	622
Louisiana.....							75	109	108	92	153	119
Oklahoma.....	399	428	449	418	428	494	<sup>5</sup> 43	100	130	<sup>5</sup> 45	95	124
Texas.....	195	182	200	199	191	190						
South Central.....	766	820	867	792	850	880	2,796	3,374	3,281	2,942	4,057	3,510
Montana.....	707	822	880	613	658	748						
Idaho.....	128	146	146	144	161	161						
Wyoming.....	453	495	500	372	421	475						
Colorado.....	403	439	470	390	373	517						
New Mexico.....	19	17	18	14	17	14						
Arizona.....	4	3	3	4	2	2						
Utah.....	81	105	109	96	126	136						
Nevada.....	238	267	259	248	294	285						
Washington.....	44	44	41	53	53	47						
Oregon.....	244	286	300	276	315	330						
California.....	175	181	172	221	208	189						
Western.....	2,498	2,805	2,898	2,431	2,628	2,904						
United States.....	12,641	13,861	14,600	10,975	11,544	13,306	5,067	6,394	6,545	5,267	7,198	6,768

<sup>1</sup> Preliminary.<sup>2</sup> Excludes sweetclover and lespedeza hay.<sup>3</sup> Includes prairie, marsh, and salt grass hays.<sup>4</sup> Small quantities are produced in other States where they are not estimated separately.<sup>5</sup> Short-time average.

Bureau of Agricultural Economics.

TABLE 371.—Hay, all: Acreage, yield, production, and season average price per ton received by farmers, by States, average 1936-45, annual 1946 and 1947<sup>1</sup>

State and division	Acreage harvested			Yield per acre			Production			Price for crop of 1—		
	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Maine.....	907	873	880	0.93	0.97	1.08	840	844	950	12.20	17.50	19.00
New Hampshire.....	366	377	376	1.12	1.18	1.26	410	443	473	14.60	18.90	20.50
Vermont.....	962	1,047	1,052	1.30	1.43	1.51	1,254	1,499	1,590	13.00	18.10	19.00
Massachusetts.....	368	381	372	1.47	1.71	1.62	541	650	602	19.70	22.80	24.50
Rhode Island.....	36	37	36	1.32	1.43	1.58	48	53	55	20.20	23.00	24.00
Connecticut.....	364	396	396	1.44	1.62	1.68	524	648	696	19.40	22.70	24.50
New York.....	3,964	3,991	3,907	1.39	1.62	1.61	5,508	6,446	6,300	12.40	13.30	15.70
New Jersey.....	254	261	253	1.56	1.66	1.70	396	434	430	19.70	20.50	23.30
Pennsylvania.....	2,414	2,539	2,437	1.37	1.50	1.50	3,302	3,804	3,651	13.60	16.20	17.70
North Atlantic.....	9,566	9,802	9,609	1.33	1.49	1.51	12,723	14,653	14,549	13.60	15.90	17.90
Ohio.....	2,530	2,536	2,570	1.41	1.54	1.40	3,554	3,895	3,602	11.60	15.00	18.00
Indiana.....	1,951	1,807	1,674	1.32	1.37	1.36	2,578	2,480	2,284	12.10	16.80	18.50
Illinois.....	2,866	2,688	2,596	1.35	1.47	1.47	3,881	3,949	3,810	11.00	15.90	19.50
Michigan.....	2,699	2,798	2,830	1.38	1.24	1.32	3,718	3,464	3,730	11.00	13.70	19.20
Wisconsin.....	4,009	4,106	4,134	1.66	1.51	1.67	6,672	6,220	6,918	10.00	18.00	19.50
Minnesota.....	4,484	4,032	4,009	1.43	1.46	1.42	6,419	5,897	5,687	6.63	11.30	14.50
Iowa.....	3,514	3,244	3,317	1.54	1.63	1.55	5,411	5,273	5,154	9.24	12.10	14.00
Missouri.....	3,276	3,545	3,804	1.08	1.19	1.15	3,586	4,214	4,392	10.10	14.70	16.20
North Dakota.....	3,002	3,068	3,281	.92	.89	.96	2,773	2,727	3,140	5.08	8.90	10.50
South Dakota.....	2,898	3,478	3,687	.79	.80	.86	2,335	2,775	3,166	5.97	12.80	13.20
Nebraska.....	3,791	3,827	4,017	.91	.98	1.13	3,476	3,732	4,549	7.36	12.00	13.30
Kansas.....	1,536	1,721	2,027	1.39	1.35	1.54	2,151	2,327	3,116	8.26	14.80	15.20
North Central.....	36,555	36,850	37,946	1.27	1.27	1.31	46,556	46,953	49,548	9.51	14.20	16.10
Delaware.....	72	72	69	1.28	1.38	1.36	92	99	94	17.60	19.00	21.40
Maryland.....	423	448	449	1.27	1.41	1.36	537	631	611	16.70	19.00	21.20
Virginia.....	1,263	1,405	1,351	1.08	1.24	1.06	1,376	1,744	1,438	16.50	20.50	25.20
West Virginia.....	753	812	810	1.14	1.30	1.16	864	1,059	940	14.70	19.50	21.50
North Carolina.....	1,178	1,253	1,225	.96	1.02	.99	1,130	1,283	1,207	18.00	25.40	29.50
South Carolina.....	596	501	490	.74	.90	.78	441	449	382	17.60	27.20	29.00
Georgia.....	1,312	1,402	1,373	.65	.52	.51	714	728	696	14.10	20.30	20.50
Florida.....	114	120	123	.55	.48	.51	63	57	63	13.10	18.20	20.50
South Atlantic.....	5,711	6,013	5,890	.91	1.01	.92	5,218	6,050	5,431	16.20	21.60	24.60
Kentucky.....	1,591	1,827	1,865	1.19	1.41	1.44	1,937	2,583	2,678	15.40	18.30	20.20
Tennessee.....	1,897	1,844	1,855	1.09	1.31	1.24	2,076	2,417	2,297	15.90	21.10	24.20
Alabama.....	1,031	1,007	927	.74	.78	.74	762	781	687	13.70	22.90	24.50
Mississippi.....	896	854	806	1.19	1.38	1.22	1,064	1,182	980	13.30	23.70	25.00
Arkansas.....	1,301	1,351	1,370	1.08	1.20	1.01	1,413	1,623	1,382	12.00	17.90	20.20
Louisiana.....	321	335	327	1.22	1.28	1.17	390	429	381	11.70	17.40	20.00
Oklahoma.....	1,185	1,322	1,545	1.16	1.13	1.18	1,386	1,490	1,819	8.72	15.10	15.50
Texas.....	1,403	1,489	1,681	.96	.98	.85	1,348	1,454	1,436	10.30	17.60	18.50
South Central.....	9,625	10,029	10,376	1.07	1.19	1.12	10,377	11,959	11,660	12.70	19.10	20.70
Montana.....	1,939	2,260	2,397	1.18	1.14	1.16	2,299	2,569	2,773	8.94	17.50	17.70
Idaho.....	1,159	1,151	1,089	2.07	2.11	2.30	2,399	2,430	2,394	10.20	17.10	16.50
Wyoming.....	1,053	1,097	1,115	1.14	1.13	1.19	1,202	1,243	1,325	9.57	15.50	17.70
Colorado.....	1,410	1,393	1,405	1.50	1.47	1.65	2,115	2,044	2,324	10.30	18.80	17.00
New Mexico.....	203	224	229	2.02	2.29	2.23	410	514	510	12.50	24.90	23.50
Arizona.....	253	310	273	2.24	2.39	2.19	568	740	598	11.30	21.60	18.50
Utah.....	577	575	559	1.99	1.94	2.10	1,149	1,118	1,172	11.70	21.40	18.50
Nevada.....	400	436	430	1.44	1.53	1.55	577	666	666	11.30	20.70	17.00
Washington.....	957	876	824	1.90	2.04	1.96	1,790	1,787	1,617	12.60	18.80	19.10
Oregon.....	1,108	1,088	1,089	1.73	1.74	1.69	1,914	1,896	1,835	11.80	18.70	19.70
California.....	1,875	2,069	2,060	2.77	2.96	2.96	5,202	6,117	6,098	12.50	22.80	19.00
Western.....	10,917	11,479	11,470	1.80	1.84	1.86	19,616	21,124	21,312	11.20	19.80	18.30
United States.....	72,373	74,173	75,291	1.30	1.36	1.36	94,490	100,739	102,500	10.90	16.70	17.80

<sup>1</sup> Preliminary.<sup>2</sup> Price for hay sold loose.

Bureau of Agricultural Economics.

TABLE 372.—*Hay: Season average price per ton, United States and specified markets, 1938-47*

Year beginning July—	Prices received by farmers, United States				Price of No. 1 alfalfa, baled	
	All hay, loose	Alfalfa, loose <sup>1</sup>	Mixed clover and timothy, loose <sup>1</sup>	Prairie, loose <sup>1</sup>	Kansas City <sup>2</sup>	Los Angeles <sup>3</sup>
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
1938.....	6.78	7.86	7.92	4.37	13.60	14.00
1939.....	7.94	8.63	9.21	4.62	15.40	15.25
1940.....	7.59	8.36	8.75	4.81	13.40	14.65
1941.....	9.70	10.90	11.66	5.20	15.90	20.40
1942.....	10.80	12.90	11.77	5.99	20.45	28.00
1943.....	14.80	17.50	15.20	8.91	29.25	32.55
1944.....	16.50	18.20	18.70	8.93	27.20	31.15
1945.....	15.10	17.60	16.40	8.45	27.85	32.85
1946.....	16.70	20.20	17.00	10.50	32.15	36.65
1947 <sup>4</sup> .....	17.80	20.70	18.30	11.30	32.50	33.15

<sup>1</sup> Season average prices obtained by weighting United States monthly prices by monthly marketings of all hay. Data for earlier years for all hay, alfalfa, clover, and timothy, and prairie hay in January 1946 issue of Crops and Markets, p. 55.

<sup>2</sup> Compiled from reports made directly to the Production and Marketing Administration by its representatives in the market. Straight average of 12 months beginning in July at Kansas City and April at Los Angeles. Data for earlier years on Kansas City market in 1928 Yearbook, table 292, and 1931 Yearbook, table 327.

<sup>3</sup> Revised.

<sup>4</sup> Preliminary.

Bureau of Agricultural Economics.

TABLE 373.—*Pasture and range: Condition, 1st of month, United States, average 1926-45, annual 1929-47*

Year	Pasture						Range <sup>1</sup>					
	May	June	July	August	September	October	May	June	July	August	September	October
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
Average 1926-45.....	77	80	79	72	69	70	82	85	85	82	80	80
1929.....	87	87	88	80	67	70	84	87	88	85	81	83
1930.....	77	80	75	56	48	56	86	90	87	80	78	79
1931.....	79	78	73	64	63	64	84	83	79	73	74	71
1932.....	74	78	79	71	68	67	80	87	90	86	83	84
1933.....	72	82	60	55	60	66	76	80	77	73	75	76
1934.....	66	53	49	40	43	54	79	70	66	54	53	55
1935.....	70	78	85	81	74	74	69	81	87	84	81	83
1936.....	69	74	58	42	40	54	78	83	76	73	70	74
1937.....	69	76	79	74	68	66	75	75	80	79	75	75
1938.....	82	85	86	83	76	76	84	87	87	87	82	82
1939.....	76	73	78	69	69	56	78	77	78	74	73	72
1940.....	74	81	83	71	72	71	83	87	85	80	80	82
1941.....	84	79	83	79	75	75	89	93	95	93	92	92
1942.....	84	88	91	87	88	88	87	89	89	87	88	87
1943.....	78	84	88	82	73	71	84	84	86	83	80	79
1944.....	79	89	85	72	70	77	77	85	87	85	82	83
1945.....	87	84	89	88	84	83	84	83	85	85	85	82
1946.....	84	85	85	78	74	78	82	81	82	78	77	82
1947.....	82	88	91	86	73	74	82	87	88	84	82	80

<sup>1</sup> Includes the Western geographic division and range areas of North Dakota, South Dakota, Nebraska, Kansas, Oklahoma, and Texas.

Bureau of Agricultural Economics. Data for 1909-28 in Yearbook of Agriculture, 1933, table 284.

TABLE 374.—*Pasture: Condition June 1 and Sept. 1, by States, average 1936-45, annual 1946 and 1947*<sup>1</sup>

State and division	Condition June 1			Condition Sept. 1			State and division	Condition June 1			Condition Sept. 1		
	Average 1936-45	1946	1947	Average 1936-45	1946	1947		Average 1936-45	1946	1947	Average 1936-45	1946	1947
	Percent	Percent	Percent	Percent	Percent	Percent		Percent	Percent	Percent	Percent	Percent	Percent
Maine.....	85	88	86	74	78	76	South Carolina.....	70	87	77	74	83	80
New Hampshire.....	86	92	87	76	83	79	Georgia.....	73	90	85	77	70	79
Vermont.....	90	95	93	79	81	84	Florida.....	70	84	78	84	86	82
Massachusetts.....	84	93	95	72	87	77							
Rhode Island.....	80	98	91	70	88	90	South Atlantic.....	75	92	81	79	81	82
Connecticut.....	85	91	93	75	90	87	Kentucky.....	82	95	93	72	93	92
New York.....	86	92	93	72	82	87	Tennessee.....	77	96	92	75	84	82
New Jersey.....	80	89	94	68	88	81	Alabama.....	76	89	87	78	81	74
Pennsylvania.....	83	90	94	73	84	87	Mississippi.....	78	87	89	76	90	69
							Arkansas.....	85	92	89	67	73	45
North Atlantic.....	85	91	93	72	83	85	Louisiana.....	79	86	88	79	86	61
Ohio.....	84	93	92	74	77	88	Oklahoma.....	77	77	93	63	58	66
Indiana.....	85	93	92	70	80	82	Texas.....	78	79	91	67	56	60
Illinois.....	87	93	91	72	89	63							
Michigan.....	86	81	88	72	51	67	South Central.....	78	84	91	69	68	67
Wisconsin.....	86	78	84	70	55	66	Montana.....	80	68	85	72	78	88
Minnesota.....	83	79	76	73	63	69	Idaho.....	88	89	93	81	83	88
Iowa.....	86	91	91	78	90	54	Wyoming.....	84	89	92	77	80	93
Missouri.....	84	97	92	69	82	61	Colorado.....	83	81	95	72	73	94
North Dakota.....	74	69	79	67	61	84	New Mexico.....	72	50	81	60	60	72
South Dakota.....	74	77	86	61	71	69	Arizona.....	80	75	68	81	75	75
Nebraska.....	75	81	89	60	68	75	Utah.....	84	82	94	76	73	91
Kansas.....	78	81	94	67	59	75	Nevada.....	86	85	95	88	89	93
							Washington.....	88	92	87	69	80	79
North Central.....	82	86	89	70	73	70	Oregon.....	88	84	80	74	78	87
Delaware.....	78	97	91	75	96	68	California.....	83	74	73	79	73	70
Maryland.....	78	90	89	72	89	78							
Virginia.....	76	98	81	82	87	81	Western.....	82	76	83	75	75	82
West Virginia.....	78	89	77	79	75	89							
North Carolina.....	75	93	76	84	85	83	United States.....	81	85	88	72	74	73

<sup>1</sup> For range States, relates largely to farm pasture; i.e., range not included.

Bureau of Agricultural Economics.

TABLE 375.—*Alfalfa seed, timothy seed, red clover seed, alsike clover seed, sweet-clover seed, and lespedeza seed: Acreage, yield, production, season average price per bushel (except lespedeza price, which is per 100 pounds) received by farmers, and value, United States, 1929-47*

## ALFALFA SEED

Year	Acreage harvested	Yield per acre	Production	Price	Farm value	Year	Acreage harvested	Yield per acre	Production	Price	Farm value
	Acres	Bushels	Bushels	Dollars	1,000 dollars		Acres	Bushels	Bushels	Dollars	1,000 dollars
1929.....	519,700	1.91	994,200	12.04	11,970	1939.....	1,013,200	1.50	1,515,500	10.50	15,981
1930.....	547,700	2.21	1,210,800	10.78	13,049	1940.....	967,700	1.55	1,502,500	8.77	13,172
1931.....	436,900	1.98	863,300	7.31	6,314	1941.....	795,200	1.30	1,037,300	12.20	12,656
1932.....	366,500	1.78	653,000	5.53	5,514	1942.....	602,200	1.60	961,100	15.60	14,952
1933.....	617,700	1.92	1,187,200	6.04	7,173	1943.....	762,300	1.50	1,141,700	20.00	22,859
1934.....	630,500	1.85	1,168,900	9.94	11,616	1944.....	982,000	1.15	1,132,000	20.50	23,162
1935.....	549,600	1.99	1,096,200	7.92	8,682	1945.....	888,500	1.33	1,182,100	20.60	24,349
1936.....	642,200	1.58	1,013,600	11.87	12,034	1946.....	1,174,200	1.55	1,822,400	22.00	40,114
1937.....	610,900	1.87	1,144,000	13.90	15,899	1947 <sup>1</sup> .....	1,021,200	1.66	1,699,400	15.20	25,840
1938.....	746,600	1.55	1,160,600	10.66	12,375						

TABLE 375.—*Alfalfa seed, timothy seed, red clover seed, alsike clover seed, sweet-clover seed, and lespedeza seed: Acreage, yield, production, season average price per bushel (except lespedeza price, which is per 100 pounds) received by farmers, and value, United States, 1929-47—Continued*

## TIMOTHY SEED

Year	Acreage harvested	Yield per acre	Production	Price	Farm value	Year	Acreage harvested	Yield per acre	Production	Price	Farm value
	<i>Acres</i>	<i>Bushels</i>	<i>Bushels</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>Bushels</i>	<i>Bushels</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1929.....	437,300	3.15	1,377,600	1.97	2,716	1939.....	490,200	2.96	1,449,000	1.66	2,409
1930.....	435,700	3.86	1,680,200	2.50	4,195	1940.....	398,900	3.11	1,239,000	1.49	1,848
1931.....	608,900	3.90	2,373,700	1.38	3,284	1941.....	375,300	3.38	1,266,900	2.06	2,605
1932.....	454,500	3.67	1,666,600	.94	1,570	1942.....	437,400	3.82	1,672,500	2.01	3,363
1933.....	325,500	2.88	936,900	1.93	1,812	1943.....	431,000	3.90	1,679,600	2.39	4,006
1934.....	140,600	1.90	266,800	6.54	1,745	1944.....	364,700	3.65	1,331,700	2.71	3,606
1935.....	1,000,900	4.27	4,276,200	1.08	4,625	1945.....	362,200	3.61	1,333,300	2.48	3,301
1936.....	381,600	2.48	946,800	2.56	2,423	1946.....	365,300	3.68	1,319,000	2.86	3,771
1937.....	591,400	4.38	2,589,000	1.19	3,086	1947.....	406,700	3.98	1,617,400	2.03	3,286
1938.....	441,900	3.09	1,367,600	1.22	1,675						

## RED CLOVER SEED

Year	Acreage harvested	Yield per acre	Production	Price	Farm value	Year	Acreage harvested	Yield per acre	Production	Price	Farm value
	<i>Acres</i>	<i>Bushels</i>	<i>Bushels</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>Bushels</i>	<i>Bushels</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1929.....	1,818,900	1.16	2,113,600	10.39	21,968	1939.....	1,350,300	1.25	1,690,900	8.72	14,748
1930.....	1,009,100	1.05	1,058,100	11.63	12,302	1940.....	2,042,700	1.00	2,036,900	6.07	12,367
1931.....	772,400	1.09	843,300	7.20	6,068	1941.....	1,383,700	1.07	1,478,600	9.10	13,461
1932.....	1,012,000	1.25	1,260,200	4.99	6,285	1942.....	1,147,900	.93	1,071,400	12.00	12,897
1933.....	1,024,300	1.10	1,126,300	6.18	6,956	1943.....	1,354,600	.91	1,226,600	18.00	22,113
1934.....	766,900	.98	749,600	10.99	8,235	1944.....	2,419,800	.83	2,006,700	18.70	37,542
1935.....	641,200	1.22	784,800	8.78	6,891	1945.....	2,186,500	.80	1,749,300	18.60	32,535
1936.....	670,400	1.06	711,700	14.43	10,288	1946.....	2,601,300	.82	2,141,800	22.00	47,166
1937.....	308,400	1.63	502,700	17.63	8,864	1947.....	1,374,600	.87	1,194,800	28.30	33,776
1938.....	1,664,000	1.13	1,878,100	8.23	15,462						

## ALSIKE CLOVER SEED

Year	Acreage harvested	Yield per acre	Production	Price	Farm value	Year	Acreage harvested	Yield per acre	Production	Price	Farm value
	<i>Acres</i>	<i>Bushels</i>	<i>Bushels</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>Bushels</i>	<i>Bushels</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1929.....	280,100	1.93	539,900	9.27	5,006	1939.....	137,400	2.31	316,900	9.15	2,900
1930.....	150,300	2.20	330,100	10.65	3,514	1940.....	169,100	2.39	404,400	6.27	2,534
1931.....	134,300	2.48	333,400	5.78	1,928	1941.....	122,700	2.69	330,400	8.54	2,823
1932.....	133,100	2.37	315,500	4.63	1,461	1942.....	93,200	2.84	265,000	11.70	3,093
1933.....	146,200	2.26	330,300	6.88	2,272	1943.....	106,000	2.32	246,100	16.20	3,977
1934.....	128,700	1.83	236,000	11.88	2,404	1944.....	130,500	2.09	272,700	17.10	4,664
1935.....	134,400	2.04	274,500	9.04	2,645	1945.....	153,000	2.29	350,600	17.00	5,943
1936.....	228,200	1.76	400,800	12.11	4,852	1946.....	165,600	2.69	446,200	19.00	8,474
1937.....	106,000	2.24	223,800	15.97	3,573	1947.....	131,300	2.90	381,200	19.20	7,327
1938.....	217,100	1.81	393,500	6.85	2,696						

## SWEETCLOVER SEED

Year	Acreage harvested	Yield per acre	Production	Price	Farm value	Year	Acreage harvested	Yield per acre	Production	Price	Farm value
	<i>Acres</i>	<i>Bushels</i>	<i>Bushels</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>Bushels</i>	<i>Bushels</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1929.....	292,600	3.94	1,152,300	3.61	4,156	1939.....	555,800	2.74	1,524,200	2.59	3,955
1930.....	219,000	3.49	764,700	3.44	2,632	1940.....	348,200	2.88	1,001,200	2.37	2,372
1931.....	253,100	3.16	801,000	2.63	2,104	1941.....	349,100	2.28	795,700	3.46	2,753
1932.....	213,700	3.06	654,600	1.47	959	1942.....	225,200	2.86	644,300	3.97	2,558
1933.....	215,500	3.09	665,800	2.22	1,477	1943.....	178,000	2.54	452,800	5.73	2,595
1934.....	216,700	3.27	707,800	4.03	2,852	1944.....	284,500	2.52	715,700	6.18	4,423
1935.....	245,800	3.11	757,200	2.20	1,669	1945.....	239,100	2.54	606,200	6.04	3,660
1936.....	377,400	2.21	832,700	4.83	4,026	1946.....	235,700	2.66	628,000	6.40	4,021
1937.....	309,600	3.27	1,012,300	4.31	4,363	1947.....	210,900	2.68	564,400	6.46	3,644
1938.....	525,600	2.19	1,151,400	2.67	3,074						

## LESPEDeza SEED

Year	Acreage harvested	Yield per acre	Production	Price	Farm value	Year	Acreage harvested	Yield per acre	Production	Price	Farm value
	<i>Pounds</i>	<i>1,000 pounds</i>	<i>Dollars per 100 pounds</i>				<i>Pounds</i>	<i>1,000 pounds</i>	<i>Dollars per 100 pounds</i>		
1929.....	52,000	105.6	5,491	12.37	679	1939.....	627,400	175.0	110,099	4.96	5,464
1930.....	50,100	100.1	5,915	17.45	1,032	1940.....	705,200	195.0	137,222	4.57	6,277
1931.....	105,600	144.3	14,795	11.96	1,770	1941.....	813,000	212.0	172,400	5.97	10,287
1932.....	154,800	194.3	22,336	4.99	1,115	1942.....	747,400	219.0	163,500	9.47	10,586
1933.....	265,100	169.8	45,190	5.03	2,272	1943.....	808,000	196.0	158,770	9.87	19,044
1934.....	371,400	180.3	66,950	6.15	4,119	1944.....	1,196,600	213.0	255,300	7.46	19,474
1935.....	384,900	169.7	65,332	5.13	3,354	1945.....	922,000	203.0	187,000	8.76	16,380
1936.....	300,700	138.0	41,486	11.77	4,882	1946.....	935,000	221.0	206,800	8.06	16,673
1937.....	572,500	185.9	106,450	4.88	5,196	1947.....	755,500	204.0	153,960	11.90	18,250
1938.....	763,700	234.8	179,310	3.56	6,390						

<sup>1</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1919-28 in *Agricultural Statistics*, 1942, pp. 341 and 342.



TABLE 376.—*Alfalfa seed, timothy seed, red clover seed, alsike clover seed, sweet-clover seed, and lespedeza seed: Acreage, yield, production, and season average price per bushel (except lespedeza) received by farmers, by States, average 1936-45, annual 1946 and 1947*

## ALFALFA SEED

State	Acreage harvested			Yield per acre			Production			Price for crop of—		
	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>
	Acres	Acres	Acres	Bu.	Bu.	Bu.	Bu.	Bu.	Bu.	Dol.	Dol.	Dol.
Ohio.....	22,050	6,500	5,200	0.85	0.65	0.65	19,590	4,200	3,400	15.40	24.20	20.30
Indiana.....	11,740	8,200	5,000	.85	.50	.75	9,670	4,100	3,800	15.60	24.60	20.80
Michigan.....	81,600	50,000	53,000	.84	.85	1.00	72,070	42,000	53,000	16.10	23.90	23.00
Wisconsin.....	31,120	24,000	22,000	.88	1.10	1.70	29,240	26,000	37,000	16.90	26.20	23.00
Minnesota.....	86,000	55,000	55,000	1.02	1.20	1.10	94,400	66,000	60,000	15.30	23.10	20.00
Iowa.....	14,860	9,000	8,500	1.02	.70	.70	15,740	6,800	6,000	16.50	24.00	21.40
N. Dakota.....	22,100	41,000	39,000	.86	.90	.85	18,750	37,000	33,000	15.30	23.00	19.00
S. Dakota.....	19,150	45,000	58,000	1.08	1.15	1.00	19,820	52,000	58,000	15.80	23.20	19.00
Nebraska.....	74,700	215,000	108,000	1.26	1.30	1.10	92,400	280,000	119,000	15.00	21.80	18.00
Kansas.....	111,300	299,000	239,000	1.35	1.50	1.30	143,500	448,000	311,000	14.10	20.30	13.40
Oklahoma.....	77,700	108,000	120,000	1.84	1.70	2.00	139,800	184,000	240,000	12.10	20.40	11.20
Texas.....	8,770	17,000	19,000	2.76	3.00	3.50	25,400	51,000	66,000	12.50	21.10	13.20
Montana.....	56,100	92,000	70,000	1.80	1.30	1.60	93,120	120,000	112,000	15.80	24.30	20.80
Idaho.....	39,000	23,000	23,000	1.70	1.80	1.60	65,400	41,000	37,000	16.90	26.50	20.20
Wyoming.....	20,040	16,000	12,000	1.76	1.35	1.30	35,260	22,000	15,000	15.00	24.20	20.30
Colorado.....	19,170	25,000	21,000	1.84	1.80	2.00	34,930	45,000	42,000	14.40	21.40	15.10
N. Mexico.....	7,050	14,000	15,000	2.71	3.10	3.10	18,680	43,000	46,000	12.70	21.60	11.60
Arizona.....	33,200	46,000	61,000	3.44	2.60	3.30	108,600	120,000	201,000	12.70	21.50	10.70
Utah.....	36,400	44,000	46,000	1.69	2.50	2.00	61,800	110,000	92,000	15.60	24.90	18.00
Wash..... <sup>2</sup>	2,878	3,500	3,000	<sup>2</sup> 5.11	2.50	4.00	<sup>2</sup> 5,611	8,800	12,000	<sup>2</sup> 15.80	24.90	19.00
Oregon.....	7,180	6,000	5,500	2.14	2.00	2.30	15,940	12,000	12,600	16.20	25.10	19.00
California.....	19,260	27,000	33,000	3.15	3.70	4.20	59,850	100,000	139,000	13.40	22.00	13.40
United States.....	801,080	1,174,200	1,021,200	1.49	1.55	1.66	1,179,040	1,822,400	1,699,400	14.50	22.00	15.20

## TIMOTHY SEED

State	1946	1947 <sup>1</sup>	1948	1946	1947 <sup>1</sup>	1948	1946	1947 <sup>1</sup>	1948	1946	1947 <sup>1</sup>	1948
Penn.....	5,430	7,300	5,400	2.76	2.80	2.85	15,040	20,000	15,400	2.98	4.40	2.70
Ohio.....	46,600	61,000	73,000	3.22	3.25	3.20	154,000	198,000	234,000	2.10	2.75	2.10
Indiana.....	11,500	16,000	17,000	2.94	2.90	3.30	34,860	46,000	56,000	2.27	2.95	2.20
Illinois.....	42,000	23,000	30,000	2.71	2.50	3.00	113,520	58,000	90,000	2.08	2.90	2.30
Wisconsin.....	13,970	13,000	10,400	3.32	3.40	3.10	48,180	44,000	32,000	2.08	3.05	2.35
Minnesota.....	33,060	27,000	18,900	3.71	3.80	4.00	124,700	103,000	76,000	1.89	2.70	2.60
Iowa.....	206,400	151,000	199,000	3.73	4.30	4.80	774,160	649,000	955,000	1.92	2.85	1.95
Missouri.....	68,300	67,000	53,000	3.13	3.00	3.00	221,900	201,000	159,000	1.98	2.85	2.10
United States.....	427,460	365,300	406,700	3.44	3.61	3.98	1,487,540	1,319,000	1,617,400	1.98	2.86	2.03

## RED CLOVER SEED

State	1946	1947 <sup>1</sup>	1948	1946	1947 <sup>1</sup>	1948	1946	1947 <sup>1</sup>	1948	1946	1947 <sup>1</sup>	1948
New York.....	8,720	12,000	10,000	1.19	1.00	0.90	10,710	12,000	9,000	15.60	24.90	30.50
Penn.....	27,200	27,000	23,000	.92	.75	.75	24,510	20,000	17,200	15.90	26.30	32.00
Ohio.....	202,300	319,000	96,000	.84	.70	.60	164,400	223,000	58,000	13.30	22.20	28.50
Indiana.....	217,700	420,000	126,000	.82	.70	.65	173,600	294,000	82,000	13.20	21.60	27.50
Illinois.....	260,400	403,000	278,000	.86	.60	.65	219,500	242,000	181,000	13.40	22.70	28.50
Michigan.....	132,900	210,000	70,000	.96	.95	.85	126,700	200,000	60,000	12.80	21.00	26.50
Wisconsin.....	143,300	240,000	144,000	.95	.65	.75	124,500	156,000	108,000	13.20	21.90	29.00
Minnesota.....	51,050	155,000	76,000	1.18	1.10	1.00	56,400	170,000	76,000	13.00	22.40	28.50
Iowa.....	191,680	366,000	201,000	.79	.60	.55	148,920	220,000	111,000	13.40	21.50	29.50
Missouri.....	95,300	246,000	155,000	1.06	1.10	1.00	103,150	271,000	155,000	12.90	20.40	26.00
Nebraska.....	7,720	34,000	27,000	1.06	1.20	.90	8,070	41,000	24,000	13.50	19.60	26.50
Kansas.....	15,600	62,000	68,000	.96	.85	.90	15,730	53,000	61,000	13.10	19.40	26.00
Maryland.....	22,450	18,300	13,000	.69	.80	.75	20,200	14,600	9,800	15.30	27.80	33.50
Virginia.....	12,000	15,000	12,000	1.06	1.15	1.20	13,240	17,200	14,400	15.50	28.10	33.00
Kentucky.....	15,000	25,000	30,000	1.34	1.00	1.50	20,580	25,000	45,000	14.20	23.50	29.00
Idaho.....	31,550	28,000	22,000	4.89	4.40	4.80	150,500	123,000	106,000	13.10	25.40	30.00
Wash.....	3,010	2,000	2,600	3.16	3.50	4.00	9,480	7,000	10,400	13.10	22.80	29.00
Oregon.....	15,150	19,000	21,000	3.02	2.80	3.20	45,100	53,000	67,000	13.00	23.80	29.00
United States.....	1,452,830	2,601,300	1,374,600	1.06	.82	.87	1,435,290	2,141,800	1,194,800	13.10	22.00	28.30



TABLE 376.—*Alfalfa seed, timothy seed, red clover seed, alsike clover seed, sweet-clover seed, and lespedeza seed: Acreage, yield, production, and season average price per bushel (except lespedeza) received by farmers, by States, average 1936-45, annual 1946 and 1947—Continued*

## ALSIKE CLOVER SEED

State	Acreage harvested			Yield per acre			Production			Price for crop of—		
	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Bu.</i>	<i>Bu.</i>	<i>Bu.</i>	<i>Bu.</i>	<i>Bu.</i>	<i>Bu.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>
New York	1,070	600	400	1.49	1.20	1.20	1,620	700	500	13.20	21.60	21.00
Ohio	35,390	25,000	20,000	1.36	1.75	1.20	46,170	44,000	24,000	11.90	18.60	19.00
Indiana	8,530	5,000	2,000	1.12	.90	1.00	9,540	4,500	2,000	12.20	19.10	19.50
Illinois	14,100	12,000	10,000	1.46	1.50	1.40	20,390	18,000	14,000	12.60	19.90	21.00
Michigan	13,300	21,000	9,000	1.70	1.85	1.90	20,980	39,000	17,100	11.60	18.30	18.00
Wisconsin	15,560	22,000	20,000	2.22	2.60	2.50	34,550	57,000	50,000	12.20	19.30	19.50
Minnesota	28,290	48,000	31,000	2.20	2.40	2.20	62,600	115,000	68,000	11.80	17.40	17.80
Iowa	4,730	4,500	4,000	1.37	1.10	1.15	6,490	5,000	4,600	12.80	20.40	22.00
Idaho	5,580	12,000	15,100	5.43	5.20	4.70	29,500	62,000	71,000	12.20	20.00	19.00
Oregon	16,630	12,500	16,000	4.93	6.30	6.25	80,400	79,000	100,000	12.20	20.20	20.00
California	<sup>2</sup> 1,514	5,600	3,800	<sup>2</sup> 6.06	7.35	7.90	<sup>2</sup> 9,114	22,000	30,000	<sup>2</sup> 12.90	20.20	19.50
United States	145,720	165,600	131,300	2.27	2.69	2.90	320,420	446,200	381,200	12.10	19.00	19.20

## SWEETCLOVER SEED

Ohio	14,070	12,000	21,000	2.02	3.00	2.40	28,580	36,000	50,000	4.26	6.40	6.10
Indiana	6,940	4,500	3,500	2.17	2.00	3.00	14,750	9,000	10,500	4.88	7.50	6.60
Illinois	29,800	28,000	24,000	1.96	1.85	1.80	58,800	52,000	43,000	4.95	7.20	7.50
Michigan	<sup>2</sup> 8,000	3,000	4,000	<sup>2</sup> 2.81	3.00	3.00	<sup>2</sup> 22,900	9,000	12,000	<sup>2</sup> 4.23	6.50	6.70
Wisconsin	4,420	7,000	7,000	2.82	3.00	3.50	12,390	21,000	24,000	4.46	7.40	7.10
Minnesota	129,900	37,000	24,000	3.06	3.20	3.90	382,200	118,000	94,000	4.02	6.10	5.50
Iowa	24,930	7,500	4,500	1.98	2.20	2.10	48,610	16,500	9,400	4.66	7.20	7.50
Missouri	10,160	11,000	11,000	2.40	2.50	2.40	24,770	28,000	26,000	4.88	7.50	7.20
N. Dakota	22,600	9,000	7,200	2.52	2.70	3.00	52,790	24,000	22,000	4.26	6.20	6.30
S. Dakota	19,830	7,500	2,200	2.19	2.90	2.10	42,230	22,000	4,600	3.87	6.20	6.40
Nebraska	21,650	37,000	24,000	2.14	2.50	1.80	46,080	92,000	43,000	4.48	6.30	6.40
Kansas	31,600	52,000	62,000	2.68	2.30	2.60	85,500	120,000	161,000	4.08	6.10	6.10
Montana	5,490	5,500	4,500	3.14	3.50	3.00	16,660	19,200	13,500	4.30	6.20	6.20
Wyoming	2,650	2,700	2,000	3.19	2.70	3.20	8,560	7,300	6,400	4.34	5.80	6.20
Colorado	8,010	12,000	10,000	3.88	4.50	4.50	31,120	54,000	45,000	4.43	6.10	6.20
United States	339,250	235,700	210,900	2.60	2.66	2.68	873,650	628,000	564,400	4.22	6.40	6.46

## LESPEDeza SEED

				<i>Lb.</i>	<i>Lb.</i>	<i>Lb.</i>	<i>1,000 lb.</i>	<i>1,000 lb.</i>	<i>1,000 lb.</i>	<i>Dol. per 100 lb.</i>	<i>Dol. per 100 lb.</i>	<i>Dol. per 100 lb.</i>
Indiana	<sup>2</sup> 22,978	22,000	29,000	<sup>2</sup> 190	200	275	<sup>2</sup> 4,393	4,400	8,000	<sup>2</sup> 5.57	6.00	8.50
Illinois	18,720	15,000	16,500	164	190	225	3,305	2,800	3,700	6.34	5.60	9.60
Missouri	206,700	279,000	181,000	186	230	175	41,377	64,200	31,700	5.94	5.60	8.80
Kansas	<sup>2</sup> 59,375	51,000	38,000	<sup>2</sup> 173	165	160	<sup>2</sup> 11,277	8,400	6,100	<sup>2</sup> 4.92	5.00	8.50
Virginia	25,600	27,000	17,000	222	230	200	5,732	6,200	3,400	8.24	7.90	12.50
N. Carolina	143,200	178,000	160,000	196	230	210	28,472	40,900	33,600	7.79	9.90	14.30
S. Carolina	<sup>2</sup> 31,125	56,000	45,000	<sup>2</sup> 176	215	180	<sup>2</sup> 5,588	12,000	8,100	<sup>2</sup> 8.46	11.20	15.80
Georgia	<sup>2</sup> 26,375	59,000	65,000	<sup>2</sup> 189	185	180	<sup>2</sup> 5,422	10,900	11,700	<sup>2</sup> 8.29	12.20	16.10
Kentucky	76,800	77,000	77,000	218	270	280	17,375	20,800	21,600	6.50	7.00	9.10
Tennessee	112,600	94,000	70,000	214	240	240	24,774	22,600	16,800	6.85	8.30	11.80
Alabama	<sup>2</sup> 9,875	8,000	7,000	<sup>2</sup> 196	200	180	<sup>2</sup> 1,928	1,600	1,300	<sup>2</sup> 9.26	17.10	18.00
Mississippi	12,750	19,000	15,000	140	140	150	1,951	2,700	2,200	12.10	17.10	22.50
Arkansas	<sup>2</sup> 17,922	28,000	21,000	<sup>2</sup> 183	205	160	<sup>2</sup> 3,472	5,700	3,400	<sup>2</sup> 6.91	8.80	15.00
Louisiana	7,070	8,000	3,000	121	140	120	898	1,100	860	15.20	26.50	29.50
Oklahoma	-----	14,000	11,000	-----	180	180	-----	2,500	2,000	-----	6.50	11.00
United States	745,650	935,000	755,500	197	221	204	151,164	206,800	153,960	6.83	8.06	11.90

<sup>1</sup> Preliminary.<sup>2</sup> Short-time average.

Bureau of Agricultural Economics.

TABLE 377.—*Field seeds: Production of clean seed, United States, 1929-47*

Year	White clover	Ladino clover <sup>1</sup>	Meadow fescue	Red top	Sudan grass	Kentucky bluegrass <sup>2</sup>	Orchard grass
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1929.....	1,500	-----	1,700	7,500	27,100	18,900	3,500
1930.....	1,200	-----	1,000	7,500	35,700	10,850	3,010
1931.....	1,000	-----	900	18,000	83,500	49,000	5,124
1932.....	775	-----	600	15,750	40,730	19,600	2,086
1933.....	920	-----	550	7,500	56,730	18,200	3,668
1934.....	945	-----	550	6,000	17,050	5,600	2,534
1935.....	340	-----	900	9,750	59,320	37,800	3,640
1936.....	550	106	400	6,750	28,695	21,000	2,125
1937.....	300	102	325	18,300	55,815	77,000	4,494
1938.....	275	182	150	17,700	53,078	18,200	2,269
1939.....	669	480	600	17,700	75,760	21,000	4,298
1940.....	835	560	1,400	18,300	48,800	46,900	4,438
1941.....	1,360	510	750	18,500	84,625	47,740	6,658
1942.....	1,920	375	1,225	16,600	38,950	63,350	6,090
1943.....	2,360	390	1,180	10,700	28,300	21,280	6,104
1944.....	1,695	730	1,445	17,800	62,600	22,008	7,000
1945.....	2,170	990	1,500	22,300	26,400	29,722	5,096
1946.....	3,980	1,030	1,380	15,000	23,300	19,670	7,770
1947 <sup>3</sup> .....	4,120	900	1,690	15,900	20,740	63,518	6,244

<sup>1</sup> Data not available for years prior to 1936.<sup>2</sup> Rough, sired seed.<sup>3</sup> Preliminary.

Bureau of Agricultural Economics.

TABLE 378.—*Winter cover-crop seed: Production of clean seed, United States, 1936-47*

Year	Austrian winter peas	Vetch					Ryegrass		Crimson clover <sup>1</sup>	Lupine
		Hairy	Common and Williamette	Hungarian	Purple	All vetch	Common	Perennial		
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1936.....	14,800	9,050	4,350	4,435	605	18,440	12,900	230	1,038	-----
1937.....	20,350	7,950	4,400	3,625	300	16,275	7,055	425	1,676	-----
1938.....	21,280	7,600	3,575	3,020	365	14,560	18,300	932	2,678	-----
1939.....	29,770	10,750	7,750	1,950	4,500	24,950	30,500	1,350	5,560	-----
1940.....	63,750	26,100	17,140	3,650	5,700	52,590	27,500	1,720	6,040	-----
1941.....	37,100	27,390	17,120	2,400	4,310	51,220	24,000	2,300	9,380	-----
1942.....	133,300	32,020	25,000	9,400	9,460	75,880	30,000	3,300	17,080	-----
1943.....	150,500	24,480	25,800	4,500	8,450	63,230	23,000	3,200	13,880	5,100
1944.....	41,100	20,630	36,000	3,000	11,900	71,530	31,000	4,600	15,770	7,100
1945.....	38,000	14,210	51,200	2,000	10,840	78,250	39,500	4,500	14,350	13,600
1946.....	56,300	12,490	45,400	1,300	12,580	71,770	58,000	5,600	15,160	38,900
1947 <sup>2</sup> .....	58,750	19,890	34,800	1,200	4,480	60,370	49,500	5,500	12,220	48,300

<sup>1</sup> Data for 1922-35, in Agricultural Statistics, 1943, table 299.<sup>2</sup> Preliminary.

Bureau of Agricultural Economics.

TABLE 379.—*Agricultural seeds: Imports admitted under the Federal Seed Act, United States, 1945-47*

Kind of seed	Year beginning July—			Kind of seed	Year beginning July—		
	1945	1946	1947		1945	1946	1947
	1,000 pounds	1,000 pounds	1,000 pounds		1,000 pounds	1,000 pounds	1,000 pounds
Alfalfa.....	6,466	9,259	7,553	Lespedeza, Chinese.....	—	—	2
Barley <sup>1</sup> .....	1,169	4,136	12,047	Medick, black.....	104	414	173
Bean.....	—	—	—	Millet, foxtail <sup>1</sup> .....	12	—	46
Field <sup>1</sup> .....	221	6	324	Mixtures.....	—	1	1
Mung <sup>1</sup> .....	6	1	1	Alfalfa and red clover.....	—	—	—
Beet, field <sup>1</sup> .....	33	52	221	Alfalfa and sweetclover.....	105	78	54
Bentgrass.....	367	314	96	Clover.....	395	234	525
Bluegrass.....	—	—	—	Grass.....	89	39	—
Canada.....	63	123	94	Alsike and timothy.....	—	—	1
Kentucky.....	—	5	19	Smooth brome and wheat.....	—	—	6
Rough.....	363	519	224	Sweetclover and smooth brome.....	3	—	—
Brome, smooth.....	8,198	6,402	4,554	Mustard, white <sup>1</sup> .....	25,427	17,768	11,376
Clover.....	—	—	—	Oat <sup>1</sup> .....	—	114	3
Alsike.....	—	—	1,157	Pea, field <sup>1</sup> .....	1	—	5
Berseem.....	—	—	27	Popcorn.....	—	—	—
Crimson.....	—	283	606	Proso <sup>1</sup> .....	—	—	—
Ladino.....	—	3	441	Rape.....	—	—	—
Red.....	20	73	2,572	Annual <sup>1</sup> .....	—	—	38
Subterranean.....	71	185	121	Winter.....	743	8	11
Suckling.....	47	14	68	Redtop.....	—	—	19
White.....	248	473	159	Rye <sup>1</sup> .....	—	1	—
Corn, field <sup>1</sup> .....	4,515	4,995	4,328	Ryegrass.....	—	—	—
Cowpea <sup>1</sup> .....	110	—	—	Perennial.....	—	1	11
Fescue.....	—	—	—	Other.....	—	15	3
Chewings.....	1,247	576	—	Sainfoin.....	—	—	1
Meadow.....	—	199	150	Sesbania.....	153	34	208
Other.....	275	88	83	Sourclover.....	—	25	—
Flax <sup>1</sup> .....	136	2,946	909	Sunflower <sup>1</sup> .....	—	22	114
Grass.....	—	—	—	Sweetclover.....	11,048	10,370	12,999
Bahia.....	374	262	139	Timothy.....	—	2	1
Bermuda.....	—	—	1	Trefoil.....	—	—	—
Carpet.....	27	—	5	Big.....	3	7	—
Dallis.....	250	575	1,185	Birdsfoot.....	—	185	234
Guinea.....	—	4	30	Vetch, hairy.....	—	199	181
Molasses.....	2	12	7	Wheat <sup>1</sup> .....	1,975	1,300	304
Orchard.....	207	32	37	Wheatgrass.....	—	—	—
Rescue.....	—	43	10	Crested.....	746	135	70
Rhodes.....	206	52	156	Slender.....	36	178	2
Sudan.....	727	1,037	47	Total.....	66,192	63,799	63,822
Vesey.....	—	—	1				
Kudzu.....	—	—	13				

<sup>1</sup> Importations of these seeds are subject to the Federal Seed Act and are included in this table only when imported for seeding purposes.

<sup>2</sup> Exclusive of sugar beet.

Production and Marketing Administration. Data for 1932-41 in Agricultural Statistics, 1942, table 454; for 1942 and 1943 in the 1946 book, table 363; and for 1944 in the 1947 book, table 370.

TABLE 380.—Field seeds: Stocks held by dealers and Government on June 30, 1942-47

Kind of seed	1942	1943	1944	1945	1946	1947 <sup>1</sup>
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Alfalfa.....	10,636	3,821	4,730	4,000	4,670	15,512
Clovers:						
Red (medium and mammoth).....	20,192	10,870	3,378	2,675	1,473	3,982
Alsike.....	5,033	2,279	1,050	459	596	1,760
Sweet.....	8,996	5,962	2,940	5,541	4,274	3,084
White Dutch.....	861	569	585	318	339	853
Ladino.....	206	64	59	209	337	190
Crimson.....	3,564	6,302	1,637	260	646	128
Lespedeza:						
Korean.....	11,286	3,767	2,304	21,224	16,144	5,765
Kobe.....	965	259	29	513	2,081	85
Other.....	224	386	45	329	298	110
Hairy vetch.....	2,840	11,202	6,865	8,518	5,671	1,987
Other vetch.....	2,480	15,928	16,803	15,201	3,247	2,025
Austrian winter peas.....	1,643	61,093	128,057	97,730	34,241	2,395
Blue lupine.....	( <sup>2</sup> )	( <sup>2</sup> )	840	284	1	688
Rapeseed (for sowing).....	571	2,881	2,654	1,114	824	1,711
Sorgo ("cane").....	9,804	8,963	1,882	6,239	2,467	2,201
Grasses:						
Timothy.....	12,058	26,365	36,812	25,137	17,823	16,158
Redtop.....	13,837	13,495	9,575	7,362	11,332	5,733
Kentucky bluegrass.....	10,265	19,496	11,551	4,232	2,126	1,278
Orchard grass.....	404	236	436	392	550	1,852
Chewings fescue.....	( <sup>2</sup> )	558	517	522	747	1,152
Meadow fescue.....	185	182	293	266	207	406
Bentgrass.....	354	521	461	347	408	629
Bromegrass.....	2,159	4,147	3,363	2,537	3,885	2,050
Crested wheatgrass.....	987	863	1,831	3,667	737	146
Slender wheatgrass.....	( <sup>2</sup> )	157	442	682	356	238
Western wheatgrass.....	( <sup>2</sup> )	62	45	164	18	37
Ryegrass, common.....	8,769	9,467	9,354	11,439	8,228	24,334
Sudan grass.....	18,652	7,910	8,732	40,679	24,259	17,128
Bermuda grass.....	( <sup>2</sup> )	16	58	330	202	105
Carpet grass.....	152	11	42	162	93	7
Dallis grass.....	( <sup>2</sup> )	153	153	116	208	67
Millet (for sowing):						
Foxtail (German, Siberian, etc.).....		5,934	1,437	2,717	1,272	1,655
Proso (broomcorn, etc.).....	6,838	1,238	1,651	2,729	2,642	1,223

<sup>1</sup> Preliminary.    <sup>2</sup> Not included in survey of year shown.

Bureau of Agricultural Economics. Compiled from reports of 1,025 seedsmen and important country shippers.

TABLE 381.—Field seeds: Stocks held by the Government on June 30, 1942-47<sup>1</sup>

Kind of seed	1942	1943	1944	1945	1946	1947 <sup>1</sup>
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Alfalfa.....						
Sweetclover.....					44	34
White clover.....	3	15		13	2	
Ladino clover.....				5	76	
Crimson clover.....	200	5,021	611	19		
Kobe lespedeza.....					1,527	
Other lespedeza.....					1	
Hairy vetch.....		10,054	1,702	2,566		
Other vetches.....		13,414	12,272	12,114	204	
Austrian winter peas.....	500	59,431	125,729	97,329		
Blue lupine.....			802	281		681
Rapeseed.....		1,590	22	22		
Timothy.....			304	15	179	
Redtop.....					241	
Orchard grass.....			115		75	
Chewings fescue.....					23	
Meadow fescue.....			78		63	
Bromegrass.....				54		
Crested wheatgrass.....				2,437	11	
Slender wheatgrass.....				465	54	
Western wheatgrass.....				54		
Ryegrass, common.....		2,527	256	5,701	2	20,943
Sudan grass.....				33,384	14,202	8,112
Bermuda grass.....				3	71	

<sup>1</sup> All these quantities are included in data in table 380.    <sup>2</sup> Preliminary.  
Bureau of Agricultural Economics.

TABLE 382.—*Field seeds: Season average price per 100 pounds received by farmers, United States, 1929-47*

Year	Orchard grass	Sudan grass	Redtop	White clover	Hairy vetch	Common ryegrass	Austrian winter peas
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
1929	11.07	3.68	14.25	18.48			
1930	10.57	5.10	18.25	23.66			
1931	5.07	.86	6.50	18.32			
1932	4.43	.89	3.40	18.22			
1933	7.14	2.74	5.75	12.50			
1934	9.50	6.46	11.10	16.20			
1935	6.86	1.67	5.75	13.50			
1936	12.29	2.63	16.00	15.30	6.90	3.90	2.80
1937	8.43	1.75	8.25	18.20	6.98	5.50	3.70
1938	10.64	1.91	7.80	26.50	6.13	3.60	2.30
1939	10.50	1.75	8.15	30.20	7.49	4.20	2.83
1940	12.20	2.18	7.35	43.00	7.30	3.10	2.95
1941	19.21	1.30	7.00	51.50	7.20	4.30	3.21
1942	20.36	2.98	6.40	45.70	9.87	5.00	4.90
1943	24.40	7.41	12.70	48.90	11.70	7.90	4.90
1944	24.50	4.91	15.30	59.10	11.10	7.00	4.82
1945	20.80	5.28	11.00	75.90	11.20	7.50	3.51
1946	11.10	7.51	16.80	62.00	14.10	7.50	3.45
1947	9.79	6.32	13.20	41.70	17.20	5.80	4.87

Bureau of Agricultural Economics. Data for 1919-28 in Agricultural Statistics, 1943, table 301.

TABLE 383.—*Field seeds: Average wholesale price, January to May, for best grades at important markets, 1938-47*

Kind of seed	Market	Price per 100 pounds									
		1938	1939	1940	1941	1942	1943	1944	1945	1946	1947 <sup>1</sup>
Alfalfa	Kansas City	Dol. 34.00	Dol. 24.75	Dol. 22.75	Dol. 19.00	Dol. 33.00	Dol. 40.50	Dol. 43.60	Dol. 44.00	Dol. 44.00	Dol. 43.00
Red clover	Chicago	40.00	18.00	18.70	14.00	22.50	30.50	41.00	41.00	41.00	55.00
Aiskie clover	do	33.00	16.25	23.00	14.50	22.50	31.50	37.00	37.00	39.00	50.00
Sweetclover	Minneapolis	11.35	7.75	6.90	6.60	13.00	12.70	16.75	16.75	16.75	17.50
White clover	Chicago	35.00	42.50	62.50	72.00	73.00	60.00	63.50	80.00	100.00	77.00
Crimson clover	Baltimore	10.35	12.70	11.60	10.85	11.50	12.50	14.90	18.90	20.00	23.30
Lespedeza	Louisville	5.45	3.50	5.55	5.40	7.10	7.75	12.15	8.75	9.50	7.60
Timothy	Chicago	4.00	4.00	6.35	5.25	9.00	6.75	8.00	8.00	8.00	9.50
Redtop	do	11.50	11.15	11.35	10.25	11.50	10.25	17.75	19.50	15.50	21.50
Kentucky bluegrass	Kansas City	10.65	10.50	19.50	18.50	18.50	17.00	27.00	32.50	52.00	98.00
Orchard grass	Louisville	16.15	17.50	16.90	26.00	32.50	33.40	37.00	35.50	34.40	24.00
Meadow fescue	Kansas City	8.85	12.00	14.00	16.00		25.00	25.00	27.00	28.40	30.80
Chewings fescue	Baltimore	39.75	60.00	51.00	32.90	35.00	48.10	64.00	77.00	60.00	72.00
Sheep's fescue	do	26.10	35.00	45.00	45.00						
German mixed bent	do	58.10	55.00	59.00		59.90	72.00	78.00	78.00	99.00	125.00
Bermuda grass	do	22.90	24.60	23.70	19.70	38.00	65.00	72.00	63.00	45.00	46.00
Bromus inermis	Minneapolis	19.45	17.05	16.60	19.00	19.10	13.20	18.50	17.50	18.40	26.00
Perennial ryegrass	Baltimore	9.00	11.00	11.00	12.40	14.50	17.30	22.00	19.80	21.50	22.00
Common ryegrass	do	7.55	6.25	6.00	5.00	7.75	9.25	12.00	10.40	11.00	10.80
German millet	Kansas City	3.25	1.85	2.60	3.25	3.25	3.60	7.50	6.00	7.50	7.75
Siberian millet	Minneapolis	2.35	2.60	3.75	4.25	4.00	3.40	5.50	4.25	5.00	7.75
Hungarian millet	Chicago	3.50	3.15	4.50	3.50	4.50	5.00	6.95	6.50	7.00	7.40
Japanese millet	do	3.00	3.00	5.45	5.00	4.00	4.50	5.50	6.00	6.00	7.15
Broomcorn millet	Minneapolis	2.30	2.50	2.15	1.65	2.15	2.50	3.55	2.75	4.50	5.50
Amber sorgo	Kansas City	1.85	1.70	2.75	2.65	2.25	3.75	6.75	5.00	7.50	8.00
Orange sorgo	do	1.80	1.60	2.75	2.70	2.40	3.75	6.75	5.00	7.50	8.50
Sudan grass	do	3.25	3.55	3.50	3.85	3.00	6.00	12.50	7.50	8.50	10.00
Rape	Baltimore	6.55	6.35	7.30	16.50	16.00	10.00	16.00	19.50	18.00	13.70
Hairy vetch	do	8.50	8.20	10.80	10.00	10.75	13.30	15.75	15.25	15.60	20.00
Common vetch	do	4.65	5.00	6.75	6.00	7.50	8.10	9.00	9.00	9.00	9.50
Canada field peas	Minneapolis	5.35	4.85	5.85	5.20	5.50	6.10	6.50	6.50	7.25	8.00
Kafir	Kansas City	1.75	1.55	2.30	2.30	2.75	4.25	5.50	4.25	6.00	5.60
Price per bushel											
Cowpeas	Baltimore	2.20	2.40	1.90	2.25	2.85	3.10	5.30	5.50	5.25	5.40
Soybeans	Louisville	1.35	1.15	1.50	1.50	2.70	2.30	2.70	2.85	2.95	3.80
Seed corn (hybrid)	St. Louis	3.20	4.50	4.50	4.50	5.70	5.30	6.50	6.50	6.50	6.60
Seed corn (open poll.)	Chicago	1.50	1.25	1.40	1.35	1.60	2.10	3.00	3.25	3.60	3.50
Seed wheat	Minneapolis	1.35	1.25	1.40	1.30	1.70	1.90	2.25	2.25	2.35	3.00
Seed oats	do	.75	.65	.75	.75	.90	1.35	1.75	1.30	1.65	1.65
Seed barley	do	1.15	.90	.90	.90	1.25	1.45	1.95	2.25	1.95	2.50
Seed rye	do	1.30	1.10	1.25	1.25	1.40	1.55	2.15	2.35	3.30	
Seed buckwheat	do	1.35	1.10	1.10	1.00	1.20	2.15	2.30	1.55	3.00	2.50

<sup>1</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1922-37 in Agricultural Statistics, 1939, table 425.

TABLE 384.—*Field seeds: Retail price per 100 pounds, 4-month (February-May) average, United States, 1938-47*

Kind of seed	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Red clover.....	41.45	20.40	20.88	15.84	24.46	32.22	43.40	43.50	44.10	57.30
Alsike clover.....	36.21	18.91	24.42	17.38	24.92	33.12	41.10	42.10	42.60	54.80
White clover.....	42.20	50.59	71.12	82.52	88.33	83.14	83.80	97.80	126.00	110.00
Sweetclover.....	12.92	8.39	7.98	7.36	13.42	13.88	18.60	18.80	18.60	19.20
Lespedeza, Korean.....	7.25	4.78	7.00	6.58	8.63	9.60	14.90	10.10	10.80	9.60
Alfalfa, common.....	36.30	28.15	25.68	21.84	36.12	45.06	47.65	47.70	48.10	51.80
Alfalfa, Grimm.....	42.29	32.96	30.86	26.29	40.36	50.30	51.80	51.90	52.80	59.60
Timothy.....	5.21	5.24	7.15	6.48	10.21	8.63	9.90	10.00	9.81	10.90
Redtop.....	14.59	14.20	14.55	13.72	14.62	14.07	20.45	23.10	20.80	26.10
Kentucky bluegrass.....	16.86	17.32	25.06	25.14	26.26	25.15	33.75	39.10	59.10	119.00
Ryegrass, common.....	10.01	8.61	8.40	7.40	9.69	10.74	14.10	13.90	14.20	14.50
Orchard grass.....	18.91	20.81	20.75	28.24	35.42	35.88	40.60	41.10	39.00	28.30
German millet.....	4.28	3.21	3.62	3.89	4.42	4.46	7.55	7.09	8.18	8.97
Amber sorgo.....	2.76	2.32	3.15	2.74	2.94	4.18	7.30	6.26	8.06	9.71
Sudan grass.....	4.24	4.30	4.26	4.36	4.09	6.88	13.90	8.96	9.95	11.60
Rape.....	9.49	9.18	9.95	20.04	22.26	15.22	18.90	22.80	23.20	20.00
Canada field peas.....	5.68	5.55	6.41	6.12	6.76	7.74	8.10	8.33	8.82	9.49

Bureau of Agricultural Economics.

TABLE 385.—*Mustard seed: Production of clean seed, by States, and United States imports, average 1936-45, annual 1939-47*

State	Average 1936-45	1939	1940	1941	1942	1943	1944	1945	1946	1947 <sup>1</sup>
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
California.....	3,561	5,200	4,320	4,550	4,500	2,500	4,800	860	1,700	1,300
Montana.....	20,359	3,757	13,000	55,180	34,000	30,300	23,800	23,800	30,700	17,400
Other States <sup>2</sup> .....	3,493	550	2,625	13,325	5,985	1,790	1,180	1,290	2,960	790
Total.....	26,714	9,507	19,945	73,055	44,485	34,590	29,780	25,950	35,360	19,490
Imports for consumption										
Whole seed.....	5,969	10,332	5,172	3,961	505	701	281	1,642	7,216	9,178
Ground or prepared seed.....	614	1,240	1,227	586	15	2	( <sup>4</sup> )	( <sup>4</sup> )	1	24

<sup>1</sup> Preliminary.<sup>2</sup> Washington, Oregon, and North Dakota.<sup>3</sup> Short-time average.<sup>4</sup> Less than 500 pounds.

Bureau of Agricultural Economics. Imports from reports of the Department of Commerce.

TABLE 386.—*Sunflower seed: Production, by States, and United States imports, average 1936-45, annual 1939-47*

State	Average 1936-45	1939	1940	1941	1942	1943	1944	1945	1946	1947 <sup>1</sup>
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
California.....	3,731	2,250	4,000	6,000	2,200	2,200	3,700	4,600	4,200	2,300
Illinois.....	281	40	40	450	100	150	300	300	210	150
Missouri.....	854	640	560	1,020	290	350	1,000	1,400	300	-----
Total.....	4,866	2,930	4,600	7,470	2,590	2,700	5,400	6,500	4,710	2,460
Imports for consumption.....	335	4	415	597	798	( <sup>2</sup> )	302	215	24	22

<sup>1</sup> Preliminary.<sup>2</sup> Less than 500 pounds.

Bureau of Agricultural Economics. Production figures compiled from dealers' and growers' reports; imports from the Department of Commerce.

TABLE 387.—*Vegetable seeds: Acreage and production, United States, average 1941-45, annual 1945-47*

Kind of seed	Acreage harvested				Production			
	Average 1941-45	1945	1946	1947 <sup>1</sup>	Average 1941-45	1945	1946	1947 <sup>1</sup>
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
Bean:								
Dwarf green.....	48,796	33,985	29,824	25,543	39,514	29,685	29,378	20,642
Dwarf wax.....	9,333	9,118	8,731	6,043	5,197	6,129	7,907	4,361
Pole.....	7,090	6,663	6,099	6,026	7,207	5,783	6,032	6,311
Dwarf lima.....	13,276	10,382	14,037	15,574	12,824	10,056	13,472	14,747
Pole lima.....	1,368	1,030	1,175	1,059	1,689	1,035	1,069	1,148
Beet, garden.....	4,401	4,645	2,112	2,844	2,558	2,598	1,404	1,850
Mangelwurzel.....	771	1,493	251	304	707	1,755	196	432
Broccoli.....	61	68	34	120	53	70	24	111
Brussels sprout.....	17	37	8	2	5	10	3	( <sup>2</sup> )
Cabbage.....	2,068	1,808	1,342	1,570	887	860	591	1,038
Cabbage, Chinese.....	62	43	29	27	32	12	17	17
Carrot.....	7,280	5,310	2,022	2,815	2,631	1,889	741	1,200
Cauliflower.....	167	108	137	238	62	26	55	98
Celery.....	102	121	121	132	44	54	73	79
Chard, Swiss.....	344	199	84	155	302	137	75	86
Chicory.....	106	104	67	53	15	14	8	17
Corn:								
Sweet hybrids.....	7,294	7,737	7,473	6,608	9,186	10,293	11,325	11,897
Sweet varieties.....	6,018	5,668	3,448	2,915	6,827	6,669	4,520	3,857
Nonsweet.....	854	926	1,435	372	1,183	1,387	1,700	1,655
Cucumber.....	5,007	6,478	7,279	6,078	996	1,516	1,904	1,644
Dill.....	81	36	22	28	36	17	12	10
Eggplant.....	192	157	233	172	22	17	18	17
Endive.....	226	201	230	299	97	112	114	187
Kale.....	198	120	101	59	77	39	35	11
Kohlrabi.....	30	37	11	5	25	25	2	2
Leek.....	108	77	29	13	41	44	5	7
Lettuce:								
Heading.....	3,567	3,977	4,007	3,827	663	628	876	811
Loose-leaf.....	1,099	648	402	395	376	217	151	187
Romaine.....	267	143	191	261	94	37	83	94
Muskmelon.....	2,855	3,771	4,641	3,379	519	769	1,046	810
Watermelon.....	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Mustard.....	1,370	1,043	555	600	496	431	298	236
Okra.....	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Onion.....	6,051	8,360	2,470	2,722	1,572	2,374	798	1,102
Parsley.....	335	331	282	210	234	237	176	168
Parsnip.....	262	122	50	88	192	113	46	54
Pea:								
Smooth.....	72,925	45,601	47,087	35,758	83,656	47,380	54,631	41,564
Wrinkled.....	115,509	100,467	132,789	143,426	103,586	84,737	129,552	146,684
Pepper.....	2,117	2,753	4,588	3,585	100	128	244	155
Pumpkin.....	555	496	421	261	123	137	120	75
Radish.....	7,440	5,241	3,677	2,277	2,479	2,101	1,259	1,150
Salsify.....	23	26	34	48	13	10	17	47
Spinach.....	5,583	1,178	888	1,208	3,228	600	569	895
Squash:								
Summer.....	2,079	1,477	1,650	894	522	487	600	276
Winter.....	2,126	1,773	1,262	1,185	274	246	252	272
Tomato.....	12,301	11,895	14,252	11,849	441	469	610	482
Turnip.....	4,161	4,661	860	1,410	2,355	3,279	560	943
Rutabaga.....	852	640	32	89	610	535	23	74
Total.....	356,774	291,214	306,701	292,546	293,743	225,147	272,592	266,295

<sup>1</sup> Preliminary.<sup>2</sup> Less than 1,000 pounds.<sup>3</sup> Data incomplete.

Bureau of Agricultural Economics. Compiled from reports of commercial vegetable seed growers, who usually produce about 95 percent of the total commercial production of vegetable seeds.



TABLE 3E8.—Vegetable seeds: Stocks held by dealers and Government on June 30, average 1941-45, annual 1943-47

Kind of seed	Average 1941-45	1943	1944	1945	1946	1947
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Bean: Dwarf green	11,754	9,208	12,923	18,345	15,121	10,990
Dwarf wax	1,096	1,164	1,175	1,485	1,720	2,741
Pole	2,935	2,481	3,015	4,539	2,944	2,250
Dwarf lima	4,639	4,099	6,182	4,819	1,792	1,340
Pole lima	802	768	977	1,376	1,171	466
Beet, garden	1,041	458	614	2,301	1,781	1,674
Mangelwurzel	129	72	175	238	251	126
Broccoli	58	86	69	86	100	77
Brussels sprout	4	1	6	7	11	11
Cabbage	630	476	244	1,230	1,152	956
Chinese	24	16	26	51	66	57
Carrot	1,054	442	1,378	2,870	2,103	1,090
Cauliflower	41	24	36	102	69	46
Celery	45	45	57	62	72	95
Chard, Swiss	249	173	320	632	518	363
Chicory	18	7	42	30	23	16
Collard	140	165	99	187	200	161
Corn: Sweet, hybrids	1,624	662	1,170	4,388	3,431	3,904
Sweet varieties	2,398	1,411	1,775	4,308	3,745	3,025
Nonsweet	485	639	720	248	322	361
Cress	2	2	1	3	2	4
Cucumber	574	367	461	541	382	877
Dill	23	16	41	42	42	30
Eggplant	17	12	13	31	14	13
Endive	92	83	129	100	124	117
Kale	64	36	55	166	138	140
Kohlrabi	15	4	4	51	37	23
Leek	21	4	20	78	57	36
Lettuce: Heading	406	281	388	584	450	589
Loose-leaf	257	105	203	569	484	370
Romaine	53	38	85	95	64	43
Muskmelon	296	343	226	252	266	590
Watermelon	401	577	253	297	( <sup>1</sup> )	( <sup>1</sup> )
Mustard	292	117	405	570	615	581
Okra	120	96	113	105	80	145
Onion	221	156	312	454	576	584
Parsley	127	103	127	149	178	199
Parsnip	98	101	97	195	185	165
Pea: Smooth	22,821	26,752	55,613	15,186	6,464	9,834
Wrinkled	30,935	26,379	53,843	44,272	14,301	26,337
Pepper	63	99	43	33	39	111
Pumpkin	138	157	181	165	153	189
Radish	1,769	1,693	1,869	2,660	2,660	2,022
Salsify	17	11	4	9	9	11
Spinach	1,869	1,967	2,835	3,096	1,195	1,560
Squash: Summer	341	314	403	539	534	595
Winter	177	130	182	336	350	335
Tomato	231	172	160	255	255	438
Turnip	1,592	1,384	920	2,331	2,808	1,343
Rutabaga	406	165	314	1,259	796	345
Total	93,491	84,661	150,303	121,727	269,870	277,375

<sup>1</sup> Data incomplete.<sup>2</sup> Does not include watermelon seed.

Bureau of Agricultural Economics. Compiled from reports of 265 vegetable seed dealers, who handle annually about 95 percent of the total production of vegetable seeds.

TABLE 389.—*Vegetable seeds: Stocks held by the Government on June 30, 1944-47*<sup>1</sup>

Kind of seed	1944	1945	1946	1947	Kind of seed	1944	1945	1946	1947
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds		1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Bean:					Lettuce:				
Dwarf green.....	790	400	49	-----	Heading.....	147	155	19	-----
Dwarf wax.....	-----	14	-----	-----	Loose-leaf.....	13	39	5	-----
Pole.....	75	137	2	6	Romaine.....	17	13	-----	-----
Dwarf lima.....	68	4	1	-----	Muskmelon.....	14	7	4	-----
Beet, garden.....	88	419	9	1	Watermelon.....	19	14	-----	-----
Mang'wurzel.....	13	5	113	-----	Mustard.....	-----	5	-----	-----
Broccoli.....	7	7	-----	-----	Okra.....	-----	1	-----	-----
Brussels sprout.....	-----	1	-----	-----	Onion.....	110	107	18	1
Cabbage.....	35	453	166	-----	Parsley.....	7	6	9	-----
Cabbage, Chinese.....	5	11	10	-----	Parsnip.....	21	20	-----	-----
Carrot.....	446	870	583	-----	Pea:				
Cauliflower.....	20	59	32	-----	Smooth.....	2,255	33	-----	1
Celery.....	8	7	7	-----	Wrinkled.....	2,271	1,481	10	-----
Chard, Swiss.....	28	57	43	-----	Pepper.....	7	2	-----	-----
Chicory.....	3	2	1	-----	Pumpkin.....	32	13	-----	-----
Corn:					Radish.....	271	295	251	-----
Sweet, hybrids.....	182	481	166	28	Salsify.....	-----	1	1	-----
Sweet, varieties.....	149	89	127	-----	Spinach.....	48	120	39	-----
Cucumber.....	58	93	6	-----	Squash:				
Eggplant.....	1	3	-----	-----	Summer.....	44	65	-----	-----
Endive.....	11	9	9	-----	Winter.....	10	22	1	-----
Kale.....	4	3	-----	-----	Tomato.....	12	17	2	-----
Kohlrabi.....	-----	13	-----	-----	Turnip.....	82	334	2	-----
Leek.....	6	56	3	-----	Rutabaga.....	100	630	34	-----

<sup>1</sup> All these quantities are included in data in table 388.

Bureau of Agricultural Economics.

TABLE 390.—*Vegetable seeds: Imports admitted under the Federal Seed Act, United States, 1945-47*

Kind of seed	Year beginning July—			Kind of seed	Year beginning July—		
	1945	1946	1947		1945	1946	1947
	100 pounds	100 pounds	100 pounds		100 pounds	100 pounds	100 pounds
Artichoke.....	-----	1	-----	Mustard <sup>1</sup> .....	1	-----	319
Asparagus.....	-----	72	43	Mustard:			
Bean:				Spinach.....	-----	1	-----
Garden.....	6	111	1,183	Vegetable.....	-----	-----	3
Lima.....	-----	77	-----	Okra.....	1	-----	-----
Horse or broad.....	4	24	578	Onion.....	1,197	1,048	888
Beet.....	5	151	103	Pak-choi.....	-----	1	11
Broccoli.....	-----	8	13	Parsley <sup>1</sup> .....	-----	35	17
Brussels sprout.....	1	6	7	Parsnip (cultivated).....	20	1	5
Cabbage.....	300	467	160	Pea, garden.....	6,305	3,455	857
Carrot.....	15	428	537	Pepper <sup>1</sup> .....	-----	3	12
Cauliflower.....	34	76	38	Pe-tsai.....	13	31	39
Celerale.....	-----	-----	1	Pumpkin <sup>1</sup> .....	-----	-----	2
Celery <sup>1</sup> .....	-----	2	-----	Radish.....	82	393	1,123
Chicory.....	56	102	51	Rhubarb.....	1	-----	-----
Corn, sweet.....	44	17	4	Rutabaga.....	20	-----	109
Cress:				Salsify.....	-----	3	-----
Garden.....	1	23	14	Sorrel.....	-----	10	-----
Water.....	-----	-----	1	Soybean <sup>1</sup> .....	-----	-----	1
Cucumber.....	8	11	15	Spinach.....	2,846	21,655	17,072
Eggplant.....	-----	4	2	Spinach, New Zealand.....	2	41	65
Endive.....	7	10	4	Squash.....	1	4	9
Fetticus (cornsalad).....	7	23	11	Swiss chard.....	-----	1	22
Kale.....	20	53	31	Tomato.....	10	90	41
Kohlrabi.....	-----	12	31	Turnip.....	1	56	432
Leek.....	-----	4	6	Watermelon.....	-----	-----	4
Lettuce.....	-----	29	11	Total.....	11,010	28,858	23,953
Muskmelon.....	1	-----	1				

<sup>1</sup> Importations of these seeds are subject to the Federal Seed Act and are included in this table only when imported for seeding purposes.

Production and Marketing Administration. Data for 1939-43 in Agricultural Statistics, 1946, table 372, and for 1944 in the 1947 book, table 381.

TABLE 391.—Usual rate of seeding specified crops, by States (quantity of seed used per acre)

State	Corn	Winter wheat	Durum wheat	Other spring wheat	Oats	Barley	Rye	Buck-wheat	Flax-seed	Sorghum grain	Rice	Beans, dry edible	Peas, dry field	Soy-beans	Cow-peas	Potatoes (Irish)	Peanuts
	Pounds	Bushels	Bushels	Bushels	Bushels	Bushels	Bushels	Bushels	Bushels	Pounds	Pounds	Pounds	Pounds	Bushels	Bushels	Bushels	Pounds
Maine.....	14.0			2.0	3.0	2.2											
New Hampshire.....	16.0				2.4												
Vermont.....	17.0				2.6	2.1		1.1				85					
New York.....	15.0				2.5												
Connecticut.....	14.0				2.3												
New Jersey.....	15.0	2.1		2.0	2.5	2.0	1.8	1.0				60					
New York.....	9.5	2.0			2.3	2.0	1.6	1.2									
Pennsylvania.....	9.5	2.0			2.5	2.1	1.6	1.1									
Illinois.....	7.0	1.4			2.4	1.9	1.3	1.1									
Michigan.....	9.0	1.9			1.8	1.8	1.3	1.0									
Wisconsin.....	9.0	1.7			2.1	1.8	1.4	1.0									
Minnesota.....	8.0	1.7			2.6	1.9	1.6	1.0				45	140				
Iowa.....	8.0	1.7			2.7	2.0	1.7	1.0				48	100				
North Dakota.....	7.0	1.4			3.0	2.0	1.6	1.0									
South Dakota.....	7.0	1.4			2.2	1.8	1.4	1.0									
Nebraska.....	6.5	1.1			1.8	1.6	1.3	1.0				50	140				
Kansas.....	6.5	1.1			2.2	1.6	1.2	1.0				55					
Delaware.....	9.0	1.8			2.1	1.3	1.1	1.0				40					
Virginia.....	8.5	1.9			2.0	1.8	1.6	1.3									
West Virginia.....	9.0	1.5			2.1	1.8	1.4	1.1									
North Carolina.....	8.5	1.5			2.2	1.8	1.5	1.4									
South Carolina.....	7.5	1.4			2.3	1.9	1.5	1.0									
Georgia.....	7.5	1.3			2.2	1.7	1.2										
Florida.....	7.0				1.6												
Kentucky.....	7.5	1.4			1.7	1.7	1.4	1.0									
Tennessee.....	8.0	1.3			1.8	1.7	1.3	1.0									
Alabama.....	8.0	1.4			2.1												
Mississippi.....	8.0	1.4			2.1												
Arkansas.....	8.0	1.4			2.0	1.5											
Louisiana.....	9.0				2.1												
Oklahoma.....	8.0	1.0			2.0	1.5	1.1										
Texas.....	7.5	1.0			2.0	1.3	1.0										
New Mexico.....	8.0	1.0			2.0	1.3	1.0										
Idaho.....	7.5	1.0			1.7	1.4	1.0										
Wyoming.....	7.5	1.0			2.0	1.5	1.2										
Colorado.....	7.0	1.0			1.6	1.3	1.0										
New Mexico.....	6.5	1.0			1.9	1.3	1.0										
Arizona.....	6.5	1.0			1.8	1.4	1.0										
Utah.....	10.0	1.4			2.5	2.0											
Nevada.....	12.0	1.4			2.5	2.0	1.4										
Washington.....	11.0	1.5			2.7	2.2											
Oregon.....	9.0	1.4			2.6	2.0	1.2										
California.....	10.0	1.3			2.3	1.7	1.3										
United States.....	7.8	1.18	1.39	1.16	2.38	1.63	1.28	1.0	.62	8.0		43	140	1.33	.83	16.7	48.8

\* Rate on equivalent solid acres (acres grown alone, plus approximately one-half the interplanted acres).

Bureau of Agricultural Economics.

TABLE 392.—Beans, dry, edible: Acreage, production, value, and foreign trade, United States, 1929-47<sup>1</sup>

Year	Acreage planted	Acreage harvested	Yield per harvested acre	Production		Season average price per 100 pounds received by farmers <sup>3</sup>	Farm value <sup>3</sup>	Whole-sale price per 100 pounds of pea beans, New York, year beginning September <sup>4</sup>	Farm and commercial storage stocks, Sept. 1 <sup>5</sup>	Foreign trade, year beginning September <sup>6</sup>	
				Uncleaned	Equivalent cleaned					Domestic exports	Imports
	1,000 acres	1,000 acres	Pounds	1,000 bags <sup>7</sup>	1,000 bags <sup>7</sup>	Dollars	1,000 dollars	Dollars	1,000 bags <sup>7</sup>	1,000 bags <sup>7</sup>	1,000 bags <sup>7</sup>
1929 <sup>8</sup>		1,746	699.4	12,218							
1929	1,924	1,845	666.1	12,289	11,561	6.82	78,790	7.87	250	170	1,459
1930	2,266	2,160	663.9	14,341	13,540	4.03	54,605	5.51	930	174	787
1931	2,145	1,947	661.7	12,884	11,970	2.07	24,799	2.99	2,065	87	115
1932	1,625	1,431	766.0	10,961	10,410	1.97	20,533	2.58	1,662	79	102
1933	1,895	1,729	738.0	12,760	12,065	2.77	33,479	3.31	1,250	69	159
1934 <sup>9</sup>		1,488	755.9	11,218							
1934	1,985	1,461	780.2	11,399	10,656	3.52	37,526	3.73	2,000	55	389
1935	2,087	1,865	768.6	14,335	13,333	2.95	39,293	3.29	1,150	87	152
1936	1,950	1,626	727.0	11,821	10,767	5.37	57,835	7.32	1,120	26	587
1937	1,911	1,695	933.9	15,830	14,940	3.10	46,251	3.59	925	88	106
1938	1,759	1,643	955.8	15,704	14,717	2.56	37,657	2.87	2,450	298	65
1939 <sup>8</sup>		1,587	894.8	14,200							
1939	1,876	1,679	896.0	15,045	14,254	3.25	46,265	3.92	3,150	793	68
1940	2,079	1,903	890.0	16,945	15,790	3.18	50,185	4.25	3,450	1,545	120
1941	2,250	2,019	919.0	18,556	17,100	4.55	77,727	5.55	3,500	1,562	74
1942	2,102	1,925	986.0	18,987	17,568	5.16	90,670	6.25	10 4,573	2,878	99
1943	2,599	2,362	889.0	21,002	19,435	6.05	117,493	6.66	10 3,581	2,657	45
1944		1,898	824.0	15,645							
1944	2,155	1,996	809.0	16,147	15,060	6.28	94,521	6.98	10 4,311	2,328	232
1945	1,656	1,485	881.0	13,083	11,954	6.55	78,348	7.17	10 855	887	185
1946	1,697	1,616	981.0	15,859	14,737	10.60	156,550	13.50	330	950	70
1947 <sup>11</sup>	1,839	1,759	976.0	17,164	15,726	12.00	188,786				

<sup>1</sup> Table includes, besides the ordinary edible beans and beans grown for seed, blackeyes, and garbanzos in California. Soybeans and mung beans are not included. Mung beans were produced in Oklahoma as follows (1,000 pounds): 1942—5,400; 1943—6,300; 1944—11,000; 1945—24,200; 1946—14,700; 1947—10,080.

<sup>2</sup> Price of cleaned beans.

<sup>3</sup> Farm value of dry edible beans equals the price of cleaned beans applied to the production of cleaned beans rather than total production.

<sup>4</sup> Compiled from New York Producers' Price Current. Average of daily quotations.

<sup>5</sup> Data on stocks not available after April 1947.

<sup>6</sup> Imports and exports compiled from Monthly Summary of Foreign Commerce of the United States and official records of the Department of Commerce.

<sup>7</sup> Bags of 100 pounds.

<sup>8</sup> Acreage grown alone.

<sup>9</sup> Imports for consumption, beginning 1933.

<sup>10</sup> Including Government holdings.

<sup>11</sup> Preliminary.

Bureau of Agricultural Economics. Italic figures are census returns; census figures include all States; other figures, principal producing States only.

Data for 1909-28 in Agricultural Statistics, 1942, table 458.

TABLE 393.—*Beans and garbanzos, dry, edible: Production in specified countries, bags of 100 pounds, averages 1930-34 and 1935-39, annual 1942-47*<sup>1</sup>

Item, continent, and country	Average		1942	1943	1944	1945	1946	1947 <sup>2</sup>
	1930-34	1935-39						
	1,000 bags	1,000 bags	1,000 bags	1,000 bags	1,000 bags	1,000 bags	1,000 bags	1,000 bags
<b>BEANS</b>								
<b>North America:</b>								
Canada.....	670	770	932	844	859	776	944	869
El Salvador.....	300	426	546	497	498	490	843	600
Guatemala.....	152	598	1,618	390	337	370	400	400
Mexico.....	2,910	2,579	4,030	3,469	4,038	3,565	3,056	3,417
United States.....	12,467	14,530	18,943	20,951	16,117	13,045	15,820	17,133
Cuba <sup>3</sup> .....	900	950	950	900	800	950	900	659
Dominican Republic.....	400	515	393	408	476	475	423	419
Total.....	17,799	20,368	27,412	27,459	23,125	19,671	22,386	23,497
<b>Europe:</b>								
Austria.....	226	424	300	200	106	79	75	83
Bulgaria <sup>4</sup> .....	1,532	2,373	3,513	4,399	4,030	1,453	1,343	756
Czechoslovakia <sup>5</sup> .....	254	541	300	306	401	362	128	85
France.....	2,806	3,069	2,062	1,733	1,844	1,102	1,622	1,257
Germany <sup>6</sup> .....	231	150	150	150	150	145	130	140
Greece.....	260	394	154	152	150	309	346	539
Hungary.....	1,448	1,190	1,945	2,055	1,123	1,080	1,012	1,933
Italy.....	3,548	3,768	3,516	1,929	2,157	1,058	1,778	2,889
Netherlands.....	371	307	585	450	300	250	113	162
Poland <sup>7</sup> .....	845	873	640	626	608	612	600	600
Portugal.....	923	855	1,211	837	736	506	894	500
Rumania <sup>8</sup> .....	6,280	4,907	4,358	3,968	2,503	1,700	1,208	972
Spain.....	3,468	3,368	3,307	2,315	2,175	1,493	1,576	2,756
Sweden.....	55	36	14	13	12	12	13	7
Yugoslavia <sup>9</sup> .....	2,980	2,714						
Total.....	25,236	24,789	25,055	21,515	19,385	12,951	12,717	15,430
<b>Asia:</b>								
Turkey.....	1,551	1,358	2,445	2,413	1,364	954	1,476	1,595
Japan <sup>10</sup> .....	3,428	3,361	3,061	2,728	1,854	1,045	1,338	1,400
Korea.....	2,811	2,798	2,980	2,940	2,180	1,814	2,072	2,501
Total.....	7,790	7,517	8,486	8,081	5,398	3,813	4,886	5,496
<b>South America:</b>								
Argentina.....	160	4300	544	800	836	909	853	875
Brazil.....	15,855	17,932	20,185	22,417	19,742	22,509	22,192	23,810
Chile.....	1,746	1,744	1,544	1,696	1,490	1,424	1,754	1,552
Uruguay.....	77	88	32	40	30	50	36	29
Total.....	17,838	20,064	22,305	24,953	22,098	24,892	24,835	26,266
<b>Africa:</b>								
Algeria.....	12	7	4	4	4	6	5	4
Egypt.....	7,066	6,521	6,113	6,261	7,108	6,797	6,612	5,763
French Morocco.....	6	6	37	26	29	21	84	35
Madagascar <sup>11</sup> .....	4825	944	612	453	478	630	515	650
Angola.....	1,089	617	800	1,073	800	1,181	1,000	1,000
Union of South Africa.....	300	400	486	257	455	598	550	670
Total.....	9,298	8,495	8,052	8,074	8,874	9,233	8,766	8,122
Total of specified countries.....	77,961	81,233	91,310	90,082	78,880	70,560	73,590	78,811
<b>GARBANZOS (CHICKPEAS)</b>								
<b>North America:</b>								
Mexico <sup>12</sup> .....	1,229	1,099	1,825	1,682	1,962	2,194	2,336	2,443
United States.....	2	17	45	51	30	38	39	31
Total.....	1,231	1,116	1,870	1,733	1,992	2,232	2,375	2,474
<b>Europe:</b>								
Bulgaria.....	9	17	75	514	439	264	134	111
Greece.....	177	259	132	130	132	154	289	237
Italy.....	723	838	846	670	696	308	759	1,055
Portugal.....	224	270	296	256	227	147	250	225
Rumania.....	22	44	10	10	3	4	2	2
Spain.....	2,418	3,040	2,590	2,292	2,412	1,550	1,314	2,754
Total.....	3,573	4,468	3,749	3,872	3,909	2,427	2,728	4,384

TABLE 393.—*Beans and garbanzos, dry, edible: Production in specified countries, bags of 100 pounds, averages 1930-34 and 1935-39, annual 1942-47*<sup>1</sup>—Continued

Item, continent, and country	Average		1942	1943	1944	1945	1946	1947 <sup>2</sup>
	1930-34	1935-39						
GARBANZOS (CHICKPEAS)—Con.	1,000 bags	1,000 bags	1,000 bags	1,000 bags	1,000 bags	1,000 bags	1,000 bags	1,000 bags
Asia:								
Lebanon and Syria.....	280	309	331	183	332	485	428	320
Palestine.....	32	30	31	39	66	83	80	75
Turkey.....	1,049	1,227	2,000	1,976	1,417	966	1,493	1,594
India <sup>11</sup> .....	80,658	79,457	70,134	91,616	75,510	86,173	84,314	82,252
Total.....	82,019	81,023	72,496	93,814	77,325	87,707	86,315	84,241
South America:								
Argentina.....	120	1200	84	119	89	62	87	170
Chile.....	124	109	96	76	102	86	100	132
Total.....	244	309	180	195	191	148	187	302
Africa:								
Algeria.....	257	162	109	106	90	110	100	132
Egypt.....	80	90	159	169	245	304	188	185
French Morocco.....	334	380	944	639	553	82	175	295
Spanish Morocco.....	13	29	46	56	80	9	27	50
Tunisia.....	57	89	22	11	20	79	95	75
Total.....	746	750	1,280	981	988	584	585	737
Total of specified countries..	87,813	87,666	79,575	100,595	84,405	93,098	92,190	92,138

<sup>1</sup> Excluding soybeans, mung, adzuki, broad or horse beans, and similar classes not commonly used as edible beans in the United States. Years shown refer to years of harvest in the Northern Hemisphere. Harvests of Northern Hemisphere countries are combined with those of the Southern Hemisphere which immediately follow; thus, the crop harvested in the Northern Hemisphere in 1947 is combined with the Southern Hemisphere harvest which began late in 1947 and ended early in 1948.

<sup>2</sup> Preliminary

<sup>3</sup> Includes a very small quantity of chickpeas and peas.

<sup>4</sup> Austria, Czechoslovakia, Germany, Poland, and Angola, 4 years; Spain, Madagascar, and Korea, 2 years; Argentina, 3 years.

<sup>5</sup> Includes data for Southern Dobrudja for 1942 to date; the figures, therefore, are not strictly comparable with earlier years shown.

<sup>6</sup> Data for 1946 and 1947 are for present boundaries, therefore the figures are not strictly comparable with earlier years shown.

<sup>7</sup> Includes estimates for countries for which data are not shown for individual years.

<sup>8</sup> Revised series of Japanese official statistics.

<sup>9</sup> Includes lima, kidney, and dolichos dry edible beans.

<sup>10</sup> Some used for stockfeeding.

<sup>11</sup> Includes India and Pakistan.

Office of Foreign Agricultural Relations. Prepared or estimated on the basis of official statistics of foreign governments, reports of United States foreign service officers, results of office research, and other information. Estimates for countries having changed boundaries have been adjusted to prewar boundaries except as noted.





DRY EDIBLE BEANS

319

TABLE 395.—Beans, dry edible: Production and farm disposition, United States, 1938-47<sup>1</sup>

Crop of—	Production		Farm disposition (cleaned basis)			
	Total	Cleaned	Used for seed		For farm household use <sup>2</sup>	Sold
			Total	On farms where grown		
	1,000 bags <sup>3</sup>	1,000 bags <sup>3</sup>	1,000 bags <sup>3</sup>	1,000 bags <sup>3</sup>	1,000 bags <sup>3</sup>	1,000 bags <sup>3</sup>
1938.....	15,704	14,717	792	461	80	14,176
1939.....	15,045	14,254	907	511	75	13,668
1940.....	16,945	15,790	992	520	67	15,203
1941.....	18,556	17,100	974	509	71	16,520
1942.....	18,987	17,568	1,142	487	61	17,020
1943.....	21,002	19,435	987	498	60	18,977
1944.....	16,147	15,060	767	348	54	14,658
1945.....	13,083	11,954	796	287	55	11,612
1946.....	15,859	14,737	880	346	51	14,340
1947 <sup>4</sup> .....	17,164	15,726	850	396	47	15,283

<sup>1</sup> Excluding soybeans.

<sup>2</sup> Also includes small quantities fed to livestock, or lost.

<sup>3</sup> Bags of 100 pounds.

<sup>4</sup> Preliminary.

Bureau of Agricultural Economics. Disposition of the crop specified and not disposition within the marketing year. Estimates of farm disposition represent portions of the crop used or to be used for the designated purposes on farms where produced and do not include purchases by farmers from others for such purposes.

TABLE 396.—Beans, dry, edible: Production and farm disposition, by States, crops of 1946 and 1947<sup>1</sup>

State	Crop of 1946						Crop of 1947 <sup>2</sup>					
	Production		Farm disposition (cleaned basis)				Production		Farm disposition (cleaned basis)			
	Total	Cleaned	Used for seed		Consumed in farm household <sup>2</sup>	Sold	Total	Cleaned	Used for seed		Consumed in farm household <sup>2</sup>	Sold
			Total	On farms where grown					Total	On farms where grown		
	1,000 bags <sup>4</sup>	1,000 bags <sup>4</sup>	1,000 bags <sup>4</sup>	1,000 bags <sup>4</sup>	1,000 bags <sup>4</sup>	1,000 bags <sup>4</sup>	1,000 bags <sup>4</sup>	1,000 bags <sup>4</sup>	1,000 bags <sup>4</sup>	1,000 bags <sup>4</sup>	1,000 bags <sup>4</sup>	1,000 bags <sup>4</sup>
Maine.....	49	44	4	3	6	35	66	62	5	4	4	54
New York.....	1,488	1,443	82	9	3	1,431	1,375	1,306	84	14	3	1,289
Michigan.....	3,841	3,668	222	124	16	3,528	3,129	2,847	222	173	15	2,659
Minnesota.....	15	14	1	1	-----	13	4	3	1	1	-----	2
North Dakota.....	6	4	1	-----	-----	4	8	6	-----	-----	-----	6
Nebraska.....	1,054	1,022	46	-----	1	1,021	1,058	1,005	46	2	1	1,002
Montana.....	280	246	16	5	-----	241	364	335	19	5	-----	330
Idaho.....	2,176	1,958	148	64	2	1,892	2,341	2,060	126	54	2	2,004
Wyoming.....	1,305	1,214	73	17	1	1,196	1,444	1,328	68	22	1	1,305
Colorado.....	1,618	1,448	63	30	4	1,414	2,568	2,396	60	28	4	2,364
New Mexico.....	256	243	28	14	12	217	273	259	27	17	11	231
Arizona.....	117	108	5	4	5	99	60	54	4	3	4	47
Utah.....	24	22	1	1	-----	21	63	52	2	1	-----	51
Washington.....	43	39	3	-----	-----	39	48	43	4	-----	-----	43
California.....	3,587	3,264	187	74	1	3,189	4,363	3,970	182	72	2	3,896
United States.....	15,859	14,737	880	346	51	14,340	17,164	15,726	850	396	47	15,283

<sup>1</sup> Excluding soybeans.

<sup>2</sup> For some States also includes small quantities fed to livestock, or lost.

<sup>3</sup> Preliminary.

<sup>4</sup> Bags of 100 pounds.

Bureau of Agricultural Economics. Disposition of the crop specified and not disposition within the marketing year. Estimates of farm disposition represent portions of the crop used or to be used for the designated purposes on farms where produced and do not include purchases by farmers from others for such purposes.

TABLE 397.—*Beans, dry, edible: Production, by classes, in 100-pound bags, United States, 1942-47*<sup>1</sup>

Class	Production (uncleaned)					
	1942	1943	1944	1945	1946	1947 <sup>2</sup>
	1,000 bags	1,000 bags	1,000 bags	1,000 bags	1,000 bags	1,000 bags
Pea and medium white .....	5,393	5,568	4,667	3,032	3,999	3,380
Great Northern .....	3,096	4,048	2,694	2,724	3,742	3,919
Small white .....	815	678	515	424	391	553
White marrow .....	169	88	54	56	48	50
White kidney .....	54	29	15	6	10	10
Pinto .....	3,324	4,084	3,081	2,187	2,309	3,430
Red kidney <sup>3</sup> .....	924	690	613	594	1,290	1,155
Pink .....	572	530	299	299	378	515
Small red .....	361	402	309	249	338	532
Cranberry .....	299	288	126	107	80	78
Yelloweye .....	146	161	118	76	85	86
Standard lima .....	1,355	1,335	1,191	979	841	919
Baby lima .....	825	1,128	1,012	1,083	1,159	1,176
Blackeye, California .....	733	896	444	452	436	694
Garbanzo .....	45	51	30	38	39	31
Other .....	876	1,026	979	777	714	636
Total .....	18,987	21,002	16,147	13,083	15,859	17,164

<sup>1</sup> Soybeans and mung beans are not included.<sup>2</sup> Preliminary.<sup>3</sup> Includes dark red kidney.

Bureau of Agricultural Economics.

TABLE 398.—*Beans, dry, edible: Season average wholesale price per 100 pounds, 1938-47*

Market and variety	Year beginning September—									
	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947
	Dol- lars	Dol- lars	Dol- lars	Dol- lars	Dol- lars	Dol- lars	Dol- lars	Dol- lars	Dol- lars	Dol- lars
New York City: <sup>1</sup>										
Pea, choice .....	2.57	3.92	4.25	5.55	6.25	6.66	6.98	7.17	13.50	14.51
Lima, regular, choice .....	5.30	5.79	6.03	8.98	9.32	9.51	9.94	9.96	18.75	-----
F.o.b. California points: <sup>2</sup>										
Baby lima, choice, re-cleaned .....	2.82	3.33	3.61	5.46	6.62	6.73	7.10	7.13	11.25	10.14
Lima, standard .....	4.42	4.76	5.10	7.79	7.96	8.03	8.40	8.52	18.49	23.86
Red kidney .....	4.19	5.50	8.58	6.90	6.28	6.33	6.70	6.78	14.58	14.37
Small red .....	2.84	3.46	3.40	4.35	5.61	5.83	6.20	6.23	14.08	11.42
Small white .....	2.82	3.79	3.77	4.94	5.63	5.83	6.20	6.23	15.42	15.23
F.o.b. Idaho points: <sup>3</sup> Great Northern, U. S. No. 1 .....	2.37	3.07	3.20	4.40	5.56	5.82	6.20	6.20	10.67	10.81
F.o.b. Colorado points: <sup>3</sup> Pinto, choice, re- cleaned .....	4.01	3.76	3.07	4.35	5.65	5.92	6.30	6.30	16.37	10.51
F.o.b. Michigan points: <sup>3</sup> Pea, choice .....	2.36	3.34	3.68	4.94	5.70	5.93	6.25	6.88	12.88	13.29

<sup>1</sup> Prices represent prevailing values of the commodity and grade specified, as indicated by sales from receivers to wholesale distributors.<sup>2</sup> Price includes cleaning and handling charges.<sup>3</sup> Price includes brokerage, cleaning and handling charges.

Bureau of Agricultural Economics. Compiled as follows: New York Producers Price Current; San Francisco Weekly Bean Market Review; and records of the Production and Marketing Administration.

TABLE 399.—Peas, dry, field: Acreage, yield, production, season average price per bag of 100 pounds received by farmers, and value, United States, 1929-47<sup>1</sup>

Year	Acreage planted	Acreage harvested	Yield per harvested acre	Production	Price <sup>2</sup>	Farm value
	1,000 acres	1,000 acres	Pounds	1,000 bags <sup>3</sup>	Dollars	1,000 dollars
1929.....	250	192	935	1,795	.....	.....
1930.....	295	229	923	2,114	.....	.....
1931.....	312	241	914	2,202	.....	.....
1932.....	257	219	956	2,094	.....	.....
1933.....	294	258	1,004	2,591	.....	6,449
1934.....	330	277	1,032	2,859	2.49	7,032
1935.....	370	320	1,058	3,385	2.17	7,352
1936.....	296	236	1,136	2,682	2.27	6,088
1937.....	276	227	1,363	3,095	1.72	5,327
1938.....	225	165	1,078	1,778	1.85	3,293
1939.....	238	169	1,130	1,909	2.52	4,805
1940.....	314	247	887	2,192	3.15	6,906
1941.....	379	291	1,352	3,934	3.47	12,006
1942.....	518	493	1,501	7,462	4.48	30,278
1943.....	825	795	1,371	10,903	4.91	49,255
1944.....	752	719	1,237	8,894	4.97	39,871
1945.....	549	518	1,142	5,915	4.20	22,519
1946.....	521	498	1,357	6,758	4.90	30,076
1947 <sup>4</sup> .....	551	529	1,252	6,513	5.36	32,003

<sup>1</sup> These figures are for the States in which dry edible and seed peas are grown commercially in material quantities and do not include cowpeas, nor Austrian winter peas.

<sup>2</sup> Prior to 1940, prices are as of Dec. 1. Prior to 1941, they are applied to the total production, by States, to obtain approximate farm value. Beginning in 1941, prices are applied to the production of cleaned peas. Prices not available for 1929-32.

<sup>3</sup> Bags of 100 pounds (uncleaned).

<sup>4</sup> Preliminary.

Bureau of Agricultural Economics.

TABLE 400.—Peas, dry, field: Acreage, yield, production (average 1936-45), and season average price per bag of 100 pounds received by farmers, by States, annual 1946 and 1947<sup>1</sup>

State	Acreage planted		Acreage harvested		Yield per harvested acre		Production				Price <sup>2</sup> for crop of—	
	Average 1936-45		Average 1936-45		Average 1936-45		Uncleaned		Equivalent cleaned			
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Pounds	Pounds	1,000 bags <sup>4</sup>	1,000 bags <sup>4</sup>	1,000 bags <sup>4</sup>	1,000 bags <sup>4</sup>	Dollars	Dollars
Wisconsin.....	5	1	1	1	880	1,100	47	11	10	9	4.95	5.00
Minnesota.....	6	8	6	7	1,050	1,050	48	48	43	38	5.50	5.00
North Dakota.....	15	20	15	18	1,300	1,300	202	194	184	175	4.75	4.75
Montana.....	32	24	32	23	1,200	1,200	362	348	294	266	5.00	5.96
Idaho.....	19	13	19	13	1,149	1,149	1,200	1,200	1,200	1,200	6.42	6.42
Wyoming.....	19	13	19	13	1,065	1,065	1,250	1,250	1,250	1,250	7.00	6.42
Colorado.....	12	3	12	2	1,380	1,380	21	21	21	21	5.20	4.60
Washington.....	204	256	185	247	1,313	1,480	1,557	1,290	189	101	3.134	4.70
Oregon.....	20	25	19	24	1,316	1,300	2,509	3,478	3,334	3,200	240	4.90
California.....	18	27	18	27	1,300	1,300	266	247	283	240	4.90	5.40
United States.....	437	551	386	498	1,220	1,357	4,870	6,758	6,513	6,141	5,970	4.90

<sup>1</sup> These figures are for the States in which dry edible and seed peas are grown commercially in material quantities, and do not include cowpeas nor Austrian winter peas.

<sup>2</sup> Preliminary.

<sup>3</sup> Price of cleaned peas.

<sup>4</sup> Bags of 100 pounds.

<sup>5</sup> Short-time average.

Bureau of Agricultural Economics.

TABLE 401.—Peas, dry, edible: Acreage, yield per acre, and production in specified countries, average 1935-39, annual 1945-47<sup>1</sup>

Continent and country	Acreage cultivated			Yield per acre			Production		
	Average 1935-39	1945	1946	Average 1935-39	1945	1946	Average 1935-39	1945	1946
	1,000 acres	1,000 acres	1,000 acres	Pounds	Pounds	Pounds	1,000 bags <sup>4</sup>	1,000 bags <sup>4</sup>	1,000 bags <sup>4</sup>
North America:									
Canada.....	85	93	119	128	948	1,108	806	818	1,073
United States.....	223	518	512	520	1,142	1,353	2,570	5,915	6,413
Total.....	308	611	631	648	1,096	1,307	3,376	6,733	7,586

DRY EDIBLE PEAS

323

	12	9	8	7	\$ 1,217	856	938	757	\$ 146	77	75	53
Europe:												
Austria.....	18	34	23	17	2,261	1,779	1,978	2,024	407	605	455	344
Belgium.....	3	15	10	21	1,900	1,567	610	605	27	580	61	127
Bulgaria.....	36	44	27	26	1,167	983	708	708	20	530	208	284
Czechoslovakia <sup>1</sup> .....	21	30	20	26	1,286	1,053	770	1,459	705	672	146	1,080
France.....	127	162	70	90	1,422	900	1,574	1,450	800	800	1,600	1,675
Germany.....	157	103	59	68	1,083	541	651	747	617	617	384	443
Hungary.....	59	114	46	45	1,086	349	408	507	405	199	229	255
Italy.....	1	1	1	1	400	600	300	400	4	6	3	4
Netherlands.....	98	81	71	64	2,431	1,642	1,707	1,553	2,382	1,330	1,212	994
Norway.....	2	3	2	2	1,950	1,367	1,250	1,200	39	41	25	24
Poland.....	374	220	200	145	817	551	500	892	3,057	1,213	1,000	1,294
Rumania <sup>1</sup> .....	116	370	269	177	914	503	391	391	1,760	1,760	1,760	1,760
Spain.....	122	118	120	119	1,325	1,325	1,325	1,325	667	728	703	507
Sweden.....	59	64	56	56	1,332	1,332	1,332	1,332	667	728	703	507
United Kingdom.....	30	132	160	170	1,680	1,798	1,344	1,564	336	2,374	2,150	2,659
Yugoslavia.....	12				1,108				133			
Total <sup>2</sup> .....	1,189	1,468	1,255	1,021	1,120	806	822	976	13,312	11,838	10,322	9,970
Asia:												
Turkey.....	7	2	4	4	514	400	450	475	36	8	18	19
China <sup>3</sup> .....	8,867	8,797	9,061	8,697	783	761	754	754	70,328	66,941	68,283	67,733
Japan.....	101	9	13	14	1,089	1,089	840	933	85	85	119	132
Korea <sup>4</sup> .....	17	6	2		1,024	1,367	840	925	174	22	17	37
Total.....	8,992	8,814	9,080	8,719	794	761	754	779	71,441	67,066	68,434	67,947
South America:												
Argentina <sup>5</sup> .....	5	33	33	44	400	809	806	859	20	267	266	378
Chile.....	65	36	44	50	698	694	675	828	454	250	267	414
Total.....	70	69	77	94	677	749	731	843	474	517	563	792
Africa:												
Algeria.....	18	31	23	23	544	100	309	143	98	31	71	33
French Morocco.....	79	119	144	146	533	177	702	566	421	211	1,011	837
Spanish Morocco.....	3	4	4	4	500	375	675	625	15	15	27	25
Total.....	100	154	171	173	534	167	649	512	834	257	1,109	885
Oceania:												
Australia <sup>11</sup> .....	29	24	13	13	776	746	1,169	1,154	225	179	182	150
New Zealand.....	18	33	51	46	1,578	1,485	1,449	1,343	284	490	739	618
Total.....	47	57	64	59	1,083	1,174	1,392	1,302	509	669	891	768
Total of specified countries.....	10,706	11,173	11,278	10,714	837	779	794	821	89,046	87,080	89,564	87,948

For footnotes see bottom of pages 324 and 325.

TABLE 402.—*Peas, dry, field: Production, by classes, in 100-pound bags, United States, 1942-47<sup>1</sup>*

Class	1942	1943	1944	1945	1946	1947 <sup>2</sup>
	1,000 bags	1,000 bags	1,000 bags	1,000 bags	1,000 bags	1,000 bags
Alaska, etc. <sup>3</sup> .....	4,722	7,726	6,458	3,739	4,505	4,144
Canada, etc. <sup>4</sup> .....	704	1,210	1,185	800	790	889
Other.....	1,976	1,967	1,250	1,376	1,463	1,480
Total.....	7,402	10,903	8,894	5,915	6,758	6,513

<sup>1</sup> Production on an uncleaned basis; cowpeas and Austrian winter peas are not included.<sup>2</sup> Preliminary.<sup>3</sup> Alaska and other smooth green kinds.<sup>4</sup> White Canada, First and Best, and other yellow or white smooth seeded kinds.

Bureau of Agricultural Economics.

TABLE 403.—*Broomcorn: Acreage, yield, production, season average price per ton received by farmers, and value, United States, 1929-47*

Year	Acre- age har- vested	Yield per acre	Pro- duc- tion	Price	Farm value	Yea.	Acre- age har- vested	Yield per acre	Pro- duc- tion	Price	Farm value
	1,000 acres	Pounds	Tons	Dollars	1,000 dollars		1,000 acres	Pounds	Tons	Dollars	1,000 dollars
1929.....	512	308.5	47,600	.....	5,417	1929.....	228	283.0	30,280	.....	3,204
1929.....	310	304.5	47,300	114.52	5,417	1937.....	228	283.0	30,000	107.00	3,204
1930.....	392	260.8	51,100	66.26	3,386	1940.....	298	295.0	43,900	66.00	2,897
1931.....	314	313.7	49,300	44.81	2,209	1941.....	250	370.0	46,300	119.00	5,498
1932.....	313	261.8	40,900	37.04	1,515	1942.....	230	339.0	39,000	174.00	6,776
1933.....	277	216.5	30,000	102.00	3,060	1943.....	244	298.0	36,200	267.00	9,663
1934.....	305	188.9	28,700	164.43	4,719	1944.....	382	362.0	69,200	215.00	14,862
1935.....	501	247.1	61,800	73.75	4,558	1945.....	279	280.0	39,200	259.00	10,167
1936.....	309	231.4	35,800	116.03	4,154	1946.....	300	291.0	43,500	292.00	12,686
1937.....	282	298.2	42,100	70.14	2,953	1947 <sup>1</sup> .....	226	290.0	32,800	301.00	9,859
1938.....	267	280.3	37,500	62.13	2,330						

<sup>1</sup> Preliminary.

Bureau of Agricultural Economics. Italic figures are census returns. Data for 1919-28 in Agricultural Statistics, 1942, Table 476.

TABLE 404.—*Broomcorn: Acreage, yield, production, and season average price per ton received by farmers, by States, average 1936-45, annual 1946 and 1947*

State	Acreage harvested			Yield per acre			Production			Price for crop of—		
	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947
	1,000 acres	1,000 acres	1,000 acres	Lb.	Lb.	Lb.	Tons	Tons	Tons	Dol- lars	Dol- lars	Dol- lars
Illinois.....	27	11	8	532	620	490	7,070	3,400	2,000	186	407	365
Kansas.....	20	13	8	250	260	280	2,430	1,700	1,100	135	280	303
Oklahoma.....	79	102	75	307	295	300	12,000	15,000	11,200	156	305	310
Texas.....	30	35	34	299	360	350	4,460	6,300	6,000	135	264	313
Colorado.....	67	108	69	244	250	270	9,140	13,500	9,300	131	270	280
New Mexico.....	54	31	32	245	235	200	6,810	3,600	3,200	124	262	263
United States.....	277	300	226	302	291	290	41,920	43,500	32,800	146	292	301

<sup>1</sup> Preliminary.

Bureau of Agricultural Economics.

Footnotes for Table 401.

<sup>1</sup> Data include all dry edible and seed peas but do not include cowpeas nor Austrian winter peas. Years shown refer to years of harvest in the Northern Hemisphere. Harvests of Northern Hemisphere countries are combined with those of the Southern Hemisphere which immediately follow; thus, the crop harvested in the Northern Hemisphere in 1947 is combined with the Southern Hemisphere harvest which began late in 1947 and ended early in 1948.<sup>2</sup> Preliminary.<sup>3</sup> Bags of 100 pounds.<sup>4</sup> Data for 1945 to date include some for canning and feed in Ontario Province and some for canning and garden pea seed in Alberta Province.<sup>5</sup> Austria, Czechoslovakia, Germany, Hungary, and Poland 4 years (1935-38); Spain 2 years (1935 and 1939); United Kingdom 1 year (1939); China 7 years (1931-37).<sup>6</sup> Estimates for 1945 to date include Southern Dobrudja and, therefore, are not strictly comparable with earlier years shown.

TABLE 405.—Cowpeas: Acreage, yield, production, season average price per bushel received by farmers, and value, United States, 1929-47

Year	Acreage grown alone for all purposes	Total planted acreage <sup>1</sup>	Acreage grazed, plowed under, etc. <sup>2</sup>	Cowpeas for peas <sup>3</sup>				
				Acreage harvested	Yield per acre	Production	Price	Farm value
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Bushels	1,000 bushels	Dollars	1,000 dollars
1929	776					5,874		
1929	1,214	1,814	275	586	5.9	3,455	2.63	9,078
1930	1,357	2,050	285	674	5.5	3,681	1.95	7,150
1931	2,095	3,094	384	1,139	6.5	7,385	.83	6,131
1932	3,023	4,309	868	1,190	5.4	6,430	.76	4,884
1933	2,487	3,603	526	1,066	5.8	6,332	1.33	8,442
1934	2,713	3,977	466	1,190	5.2	6,144	1.46	8,983
1935	2,342	3,543	511	1,057	5.6	5,933	1.51	8,963
1936	3,373	5,291	1,919	1,366	5.2	7,109	1.73	12,329
1937	3,648	5,836	2,125	1,472	5.3	7,814	1.43	11,161
1938	3,296	5,388	2,087	1,386	5.0	6,948	1.41	9,800
1939	2,909					5,959		
1939	3,168	5,318	2,074	1,381	4.6	6,332	1.40	8,856
1940	3,357	5,334	1,926	1,432	5.0	7,186	1.46	10,482
1941	3,770	5,388	2,019	1,483	5.4	8,074	1.88	15,191
1942	3,382	4,789	1,788	1,241	5.5	6,870	2.33	16,018
1943	2,223	3,376	1,309	852	5.2	4,393	3.37	14,793
1944	1,415					5,605		
1944	1,560	2,348	843	712	5.4	3,874	3.76	14,583
1945	1,477	2,179	816	648	5.8	3,790	3.97	15,040
1946	1,215	1,791	720	566	5.8	3,263	4.47	14,872
1947 <sup>3</sup>	1,143	1,653	617	587	5.9	3,458	4.92	17,004

<sup>1</sup> Acres grown alone, plus one-half the interplanted acres.<sup>2</sup> For data on cowpea hay, see table 369.<sup>3</sup> Preliminary.

Bureau of Agricultural Economics. Italic figures are census returns. Data for 1924-28 in Agricultural Statistics, 1942, table 467.

TABLE 406.—Cowpeas: Production and farm disposition, United States, 1938-47

Crop of—	Production	Used for seed		Fed to livestock	For farm household use	Sold
		Total <sup>1</sup>	On farms where grown			
		1,000 bushels	1,000 bushels			
1938	6,948	4,812	3,164	1,414	896	1,774
1939	6,332	5,033	2,971	1,131	471	1,739
1940	7,186	5,142	3,303	1,413	459	2,011
1941	8,074	4,796	3,433	1,671	545	2,425
1942	6,870	3,451	2,703	1,527	521	2,119
1943	4,393	2,373	1,772	1,049	407	1,165
1944	3,874	1,803	1,296	776	328	1,474
1945	3,790	1,493	1,109	761	330	1,590
1946	3,263	1,350	993	637	318	1,315
1947 <sup>2</sup>	3,458	1,220	885	722	321	1,530

<sup>1</sup> Excludes seed used in minor States where production is not estimated.<sup>2</sup> Preliminary.

Bureau of Agricultural Economics. Disposition of the crop specified and not disposition within the marketing year. Estimates of farm disposition represent portions of the crop used or to be used for the designated purposes on farms where produced and do not include purchases by farmers from others for such purposes.

Footnotes for Table 401—Continued.

<sup>3</sup> All data for 1946 and 1947 are for present boundaries, therefore, are not strictly comparable with earlier years shown.<sup>4</sup> Estimates proportioned from total for all dry legumes.<sup>5</sup> Includes estimates for countries for which data are not shown for individual years.<sup>6</sup> Estimates for 22 provinces.<sup>7</sup> Includes data for North and South Korea.<sup>8</sup> Not separately classified prior to 1940; estimates for earlier years were based on the quantity exported.<sup>9</sup> Compiled from data for the States of South Australia, Tasmania, and Victoria where practically all of the crop is produced.

Office of Foreign Agricultural Relations. Prepared or estimated on the basis of official statistics of foreign governments, reports of United States foreign service officers, results of office research, and other information. Estimates for countries having changed boundaries have been adjusted to prewar boundaries except as noted.





TABLE 408.—Cowpeas: Production and farm disposition, by States, crops of 1946 and 1947

State	Crop of 1946						Crop of 1947 <sup>1</sup>					
	Pro- duction	Used for seed		Fed to live- stock	For farm house- hold use	Sold	Pro- duction	Used for seed		Fed to live- stock	For farm house- hold use	Sold
		Total <sup>1</sup>	On farms where grown					Total <sup>1</sup>	On farms where grown			
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
Indiana.....	14	7	5	2	—	7	21	7	5	2	—	14
Illinois.....	180	66	54	4	—	122	135	55	47	4	—	84
Missouri.....	21	25	13	1	1	6	21	22	12	1	1	7
Kansas.....	15	27	5	1	1	8	25	27	5	1	1	18
Virginia.....	40	22	11	5	3	22	35	22	11	4	2	18
North Carolina.....	154	88	52	10	20	62	110	88	62	8	14	26
South Carolina.....	500	317	238	25	22	215	418	263	197	21	17	183
Georgia.....	360	222	173	22	25	140	475	191	143	28	28	276
Florida.....	40	34	12	6	11	11	36	34	12	5	9	10
Kentucky.....	24	17	8	2	1	13	28	13	6	2	1	19
Tennessee.....	58	37	24	3	7	24	52	30	18	3	5	26
Alabama.....	336	97	87	60	65	124	360	90	76	65	61	158
Mississippi.....	336	108	86	40	65	145	422	114	91	63	72	196
Arkansas.....	236	84	67	60	21	88	150	75	60	30	20	40
Louisiana.....	125	50	38	40	18	29	130	50	38	39	20	33
Oklahoma.....	96	30	21	21	4	50	96	32	22	21	4	49
Texas.....	728	119	89	335	55	249	944	107	80	425	66	373
United States...	3,263	1,350	993	637	318	1,315	3,458	1,220	885	722	321	1,530

<sup>1</sup> Excludes 5,000 bushels in 1946 and in 1947, used in minor States where production is not estimated.

<sup>2</sup> Preliminary.

Bureau of Agricultural Economics. Disposition of the crop specified and not disposition within the marketing year. Estimates of farm disposition represent portions of the crop used or to be used for the designated purposes on farms where produced and do not include purchases by farmers from others for such purposes.

TABLE 409.—Hemp fiber and hempseed: Acreage, yield, and production, United States, 1931-47

Year	Hemp fiber <sup>1</sup>			Hempseed <sup>2</sup>			Year	Hemp fiber <sup>1</sup>			Hempseed <sup>3</sup>		
	Acreage har- vested	Yield per acre	Pro- duction	Acreage har- vested	Yield per acre	Pro- duction		Acreage har- vested	Yield per acre	Pro- duction	Acreage har- vested	Yield per acre	Pro- duction
	Acres	Lb.	1,000 lb.	Acres	Lb.	1,000 lb.		Acres	Lb.	1,000 lb.	Acres	Lb.	1,000 lb.
1931.....	320	850	272	—	—	—	1940.....	2,070	804	1,665	510	725	370
1932.....	200	800	160	—	—	—	1941.....	7,400	1,001	7,410	2,200	310	682
1933.....	140	750	105	—	—	—	1942.....	14,500	960	13,922	20,300	364	10,660
1934.....	500	850	425	—	—	—	1943.....	146,200	962	140,680	40,500	346	14,015
1935.....	700	875	612	—	—	—	1944.....	53,400	967	51,632	1,200	440	528
1936.....	1,400	725	1,015	—	—	—	1945.....	6,900	980	6,762	800	350	280
1937.....	1,300	800	1,040	—	—	—	1946.....	4,600	975	4,485	400	530	212
1938.....	1,390	896	1,246	40	540	22	1947 <sup>3</sup> .....	4,900	950	4,655	600	485	291
1939.....	1,440	890	1,282	210	330	69							

<sup>1</sup> Wisconsin only, 1931-37 and 1945-47; Kentucky also, 1938-44; Illinois and Minnesota, 1942-44; Iowa, 1943 and 1944; Indiana, 1943.

<sup>2</sup> Kentucky only, except Tennessee also in 1942 and 1943.

<sup>3</sup> Preliminary.

Bureau of Agricultural Economics.

TABLE 410.—Hops: Acreage, production, value, Sept. 1 stocks, foreign trade, and consumption, United States, 1929-47

Year	Acreage picked	Yield per acre	Production <sup>1</sup>	Season average price per pound received by farmers <sup>2</sup>	Farm value	Stocks, Sept. 1	Foreign trade, year beginning September			Consumption by breweries, year beginning Sept. 3
							Imports <sup>3</sup>	Domestic exports <sup>3</sup>	Net exports <sup>3</sup>	
	<i>Acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
1929.....	24,400	1,360	33,195	11.4	3,765	5,700	* 944	6,725	5,817	2,627
1930.....	19,500	1,202	23,447	14.8	3,462	6,512	1,039	5,552	4,526	2,197
1931.....	21,400	1,234	26,410	13.8	3,642	2,328	1,294	3,801	2,507	1,841
1932.....	22,000	1,094	24,058	17.5	4,199	2,536	4,962	2,444	2,518	7,767
1933.....	30,300	1,330	40,285	30.4	12,243	1,789	* 5,761	7,700	1,939	28,836
1934.....	37,100	1,184	43,934	14.5	6,357	8,658	5,257	6,772	1,515	31,658
1935.....	39,100	1,188	46,433	9.8	4,010	16,061	* 6,535	6,184	351	34,516
1936.....	31,000	816	25,281	27.6	6,976	15,825	11,026	2,719	8,307	36,608
1937.....	34,300	1,281	43,955	16.2	6,419	10,294	9,189	5,784	3,405	33,793
1938.....	31,800	1,120	35,288	19.7	6,346	10,257	8,053	4,183	3,570	32,485
1939.....	31,000	1,208	37,462	24.5	8,490	10,270	6,514	7,091	1,177	31,070
1940.....	32,800	1,306	42,846	26.8	11,490	10,222	5,736	10,030	6,294	31,831
1941.....	34,800	1,160	40,380	31.9	12,883	10,233	154	9,459	9,305	34,806
1942.....	34,600	1,016	35,153	45.2	15,894	18,893	111	8,673	8,562	34,024
1943.....	32,200	1,318	42,448	62.2	26,423	10,735	73	6,338	6,265	36,983
1944.....	37,000	1,293	47,840	65.3	31,235	10,211	13	8,686	8,673	37,240
1945.....	40,700	1,395	56,772	64.9	36,841	10,389	3,850	14,290	10,431	36,834
1946.....	40,700	1,306	53,171	62.7	33,361	16,266	4,126	12,261	8,134	42,239
1947 <sup>11</sup> .....	39,700	1,262	50,098	67.9	33,998	23,770				

<sup>1</sup> Includes the following quantities not marketed because of economic conditions and the marketing agreement allotments (1,000 pounds): 1935, 6,436; 1937, 4,365; 1938, 3,140; 1939, 2,813. Price and value apply only to the part of the crop which was sold.

<sup>2</sup> Prior to 1932 prices are as of Dec. 1.

<sup>3</sup> Compiled from Monthly Summary of Foreign Commerce of the United States, and official records of the Department of Commerce.

<sup>4</sup> Total exports (domestic plus foreign) minus total imports; beginning 1933 domestic exports minus imports for consumption.

<sup>5</sup> 1929 to 1931 represent hops used to make cereal beverages containing less than 0.5 percent of alcohol by volume; 1932 includes 867,057 pounds of hops used to make cereal beverages containing less than 0.5 percent of alcohol by volume and 6,900,263 pounds fermented malt liquor containing not more than 3.2 percent of alcohol by weight; 1933 to date, used for fermented liquor. Annual reports of the Commissioner of Prohibition, 1929; Commissioner of Industrial Alcohol, 1930 to 1932, and records of the Bureau of Internal Revenue, 1933 to date.

<sup>6</sup> Includes hop extract and lupulin 1930-35. <sup>7</sup> Net imports. <sup>8</sup> Beginning 1933 imports for consumption.

<sup>9</sup> Hops, only, beginning January 1936.

<sup>10</sup> Prior to 1937, the Sept. 1 stocks included only those in growers' hands; from 1937 to date, stocks in dealers' hands and in brewers' hands are also included and these have greatly exceeded the growers' stocks. On Sept. 1, 1943-45, no stocks were reported in hands of growers.

<sup>11</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1910-28 in Agricultural Statistics, 1942, table 479.

TABLE 411.—Hops: Acreage, yield, production, and season average price per pound received by farmers, by States, average 1936-45, annual 1946 and 1947

State	Acreage picked			Yield per acre			Production <sup>2</sup>			Price for crop of—		
	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Lb.</i>	<i>Lb.</i>	<i>Lb.</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
Washington.....	6,960	11,600	11,700	1,823	1,700	1,740	12,685	19,720	20,358	40	64	71
Oregon.....	19,640	20,000	19,000	874	940	850	17,180	18,800	16,150	38	62	68
California.....	7,390	9,100	9,000	1,462	1,610	1,510	10,878	14,651	13,590	37	62	63
United States.....	33,990	40,700	39,700	1,191	1,306	1,262	40,742	53,171	50,098	38.4	62.7	67.9

<sup>1</sup> Preliminary.

<sup>2</sup> For some States in certain years, production includes some quantities not marketed because of economic conditions and the marketing agreement allotments.

Bureau of Agricultural Economics.

TABLE 412.—*Peppermint and spearmint for oil: Acreage, yield, production, season average price per pound of oil received by farmers, and value, 6 States, 1929-47*

Year	Acreage harvested	Yield of oil per acre	Production of oil	Price per pound	Farm value	Year	Acreage harvested	Yield of oil per acre	Production of oil	Price per pound	Farm value
	Acres	Pounds	1,000 pounds	Dollars	1,000 dollars		Acres	Pounds	1,000 pounds	Dollars	1,000 dollars
1929.....	55,530	17.4	968	3.17	3,064	1939.....	35,400	28.4	1,009	1.95	1,967
1930.....	56,220	17.6	992	1.90	1,889	1940.....	37,500	30.5	1,142	2.15	2,455
1931.....	44,320	14.2	628	1.20	756	1941.....	39,240	30.5	1,197	3.20	3,829
1932.....	31,540	14.0	440	1.42	625	1942.....	50,160	35.6	1,784	4.46	7,960
1933.....	33,220	19.3	642	1.78	1,142	1943.....	44,740	23.8	1,055	5.42	5,769
1934.....	33,390	27.6	920	2.40	2,210	1944.....	48,880	28.9	1,412	6.34	8,947
1935.....	43,760	31.3	1,368	1.70	2,331	1945.....	55,290	30.8	1,705	5.46	9,307
1936.....	41,390	25.8	1,067	1.96	2,091	1946.....	55,800	29.4	1,641	6.22	10,208
1937.....	37,280	27.1	1,012	2.00	2,025	1947 <sup>1</sup> .....	61,700	33.8	2,084	6.62	13,806
1938.....	34,840	30.5	1,064	2.01	2,141						

<sup>1</sup> Preliminary.

Bureau of Agricultural Economics.

TABLE 413.—*Peppermint and spearmint for oil, commercial crop: Acreage, production, and season average price per pound of oil received by farmers, by States, average 1936-45, annual 1946 and 1947*

## PEPPERMINT AND SPEARMINT COMBINED

State	Acreage			Production of oil			Price per pound for crop of—		
	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>
	Acres	Acres	Acres	1,000 pounds	1,000 pounds	1,000 pounds	Dollars	Dollars	Dollars
Indiana.....	16,340	25,500	28,300	438	675	897	3.36	6.18	6.50
Michigan.....	19,410	16,500	18,000	527	348	428	3.53	6.19	6.35
Ohio.....	280			8			3.71		
California.....	770	600		30	16		3.55	5.75	
Oregon.....	3,620	9,000	11,000	152	396	550	3.76	6.45	7.00
Washington.....	2,060	4,200	4,400	91	206	209	3.37	6.00	6.75
Total, 6 States.....	42,480	55,800	61,700	1,246	1,641	2,084	3.50	6.22	6.62

## PEPPERMINT

	12,520	18,000	18,500	319	450	574	3.76	6.45	7.00
Indiana.....	12,520	18,000	18,500	319	450	574	3.76	6.45	7.00
Michigan.....	17,390	14,000	13,500	462	266	270	3.76	6.40	6.55
Ohio.....	280	( <sup>2</sup> )		8			3.71		
California.....	610	600	( <sup>2</sup> )	23	16		3.74	5.75	
Oregon.....	3,620	9,000	11,000	152	396	550	3.76	6.45	7.00
Washington.....	2,060	4,200	4,400	91	206	209	3.37	6.00	6.75
Total, 6 States.....	36,480	45,800	47,400	1,056	1,334	1,603	3.73	6.36	6.94

## SPEARMINT

	3,820	7,500	9,800	118	225	323	2.36	5.65	5.60
Indiana.....	3,820	7,500	9,800	118	225	323	2.36	5.65	5.60
Michigan.....	2,020	2,500	4,500	64	82	158	2.37	5.50	5.50
California.....	160			7			2.20		
Total, 3 States.....	6,000	10,000	14,300	189	307	481	2.38	5.61	5.57

<sup>1</sup> Preliminary.<sup>2</sup> Not available for publication; less than three growers.

Bureau of Agricultural Economics.

TABLE 414.—Popcorn: Acreage, yield, production, season average price per 100 pounds received by farmers, and value, United States, 1929-47<sup>1</sup>

Year	Acreage harvested	Yield per acre <sup>2</sup>	Production <sup>3</sup>	Price per 100 pounds of ear corn	Farm value
	<i>Acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1929	40,800	1,315	53,633	2.74	1,467
1930	56,200	1,189	66,832	2.63	1,755
1931	34,400	1,084	37,292	1.94	723
1932	34,600	1,234	42,706	1.24	528
1933	13,100	1,178	15,435	1.19	183
1934	13,400	391	5,246	4.98	261
1935	83,600	949	79,312	2.29	1,817
1936	57,890	976	56,508	2.76	1,559
1937	86,100	1,205	103,782	1.69	1,754
1938	61,850	1,526	94,370	1.58	1,488
1939	64,500	1,555	100,294	1.41	1,412
1940	56,500	1,384	78,195	1.57	1,226
1941	96,500	1,299	125,340	1.91	2,390
1942	100,200	1,637	164,018	2.68	4,390
1943	89,700	1,410	126,485	4.32	5,466
1944	174,800	1,343	234,747	3.77	8,854
1945	311,900	1,372	427,780	3.69	15,779
1946	154,600	1,637	253,092	3.51	8,884
1947 <sup>3</sup>	80,700	1,194	96,395	4.79	4,615

<sup>1</sup> In principal commercial producing States, totaling 12 in recent years. Information prior to 1935 available for Iowa, Nebraska, and Kansas only.<sup>2</sup> Of ear corn; a bushel is 70 pounds.<sup>3</sup> Preliminary.

Bureau of Agricultural Economics.

TABLE 415.—Popcorn: Acreage, yield, production, and season average price per 100 pounds received by farmers, by States, average 1936-45, annual 1946 and 1947<sup>1</sup>

State	Acreage harvested			Yield per acre <sup>2</sup>			Production <sup>3</sup>			Price for crop of—		
	Average 1936-45	1946	1947 <sup>2</sup>	Average 1936-45	1946	1947 <sup>2</sup>	Average 1936-45	1946	1947 <sup>2</sup>	Average 1936-45	1946	1947 <sup>2</sup>
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Lb.</i>	<i>Lb.</i>	<i>Lb.</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Dollars per 100 pounds</i>	<i>Dollars per 100 pounds</i>	<i>Dollars per 100 pounds</i>
Ohio	10,910	14,100	3,900	1,642	1,950	1,600	18,614	27,495	6,240	2.63	3.30	4.25
Indiana	11,930	18,800	9,400	1,697	1,900	1,500	20,635	35,720	14,100	2.64	3.75	5.25
Illinois	12,030	15,800	12,600	1,492	1,800	1,400	18,142	28,440	17,640	2.86	3.60	5.00
Michigan	2,940	2,000	600	1,236	1,400	1,000	3,616	2,800	500	3.00	3.20	4.00
Iowa	35,370	41,000	20,000	1,353	1,820	900	48,774	74,620	18,000	2.42	3.55	5.00
Missouri	7,300	15,000	10,000	1,391	1,600	1,100	10,759	24,000	11,000	2.48	3.60	4.50
Nebraska	6,150	13,000	4,000	992	1,500	1,200	7,408	19,500	4,800	3.00	3.40	4.35
Kansas	3,514	5,200	2,800	968	1,200	950	3,823	6,240	2,660	2.98	3.50	4.30
Kentucky	4,130	10,100	6,500	1,000	1,470	1,470	4,724	14,847	9,555	2.92	3.15	5.75
Oklahoma	13,600	13,000	5,000	1,160	910	1,000	11,960	11,830	5,000	2.93	3.15	3.10
Texas	7,565	5,000	4,000	1,044	1,200	1,300	7,903	6,000	5,200	2.16	3.10	3.25
California	2,085	1,600	2,000	845	1,000	850	1,759	1,600	1,700	5.28	6.40	6.90
United States	109,994	154,600	80,700	1,371	1,637	1,194	151,152	253,092	96,395	2.54	3.51	4.79

<sup>1</sup> In principal commercial producing States.<sup>2</sup> Preliminary.<sup>3</sup> Of ear corn; a bushel is 70 pounds.<sup>4</sup> Short-time average.<sup>5</sup> Equivalent price per 100 lb. of ear corn. Bulk of crop is sold by growers after shelling and cleaning.

Bureau of Agricultural Economics.

TABLE 416.—*Velvetbeans: Acreage, yield, production, Dec. 1 price per ton received by farmers, and value, United States, 1929-47*<sup>1</sup>

Year	Total acreage	Yield per acre	Production	Price	Farm value
	1,000 acres	Pounds	1,000 tons	Dollars	1,000 dollars
1929.....	1,421	881.1	626	13.98	8,740
1930.....	1,372	890.3	549	13.80	7,575
1931.....	1,252	718.8	450	9.85	4,434
1932.....	1,687	832.2	702	4.79	3,362
1933.....	1,794	819.4	735	8.70	6,393
1934.....	2,075	796.1	826	12.66	10,461
1935.....	2,125	893.2	949	11.15	10,577
1936.....	2,170	803.7	872	13.35	11,637
1937.....	2,025	883.0	894	11.83	10,576
1938.....	2,199	813.1	894	12.28	10,982
1939.....	2,400	700.0	840	12.80	10,785
1940.....	2,454	796.0	977	13.20	12,902
1941.....	2,165	838.0	929	15.30	14,248
1942.....	1,884	796.0	750	18.40	13,784
1943.....	1,948	796.0	775	24.30	18,821
1944.....	1,446	842.0	609	28.10	17,143
1945.....	1,256	836.0	525	29.30	15,376
1946.....	1,075	806.0	433	34.20	14,827
1947 <sup>2</sup> .....	1,036	786.0	407	33.50	13,620

<sup>1</sup> Refers to the yield and entire production of velvetbeans in the hull, whether grazed or harvested otherwise.<sup>2</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1924-28 in Agricultural Statistics, 1942, table 472.

TABLE 417.—*Velvetbeans: Acreage, yield, production, and Dec. 1 price per ton received by farmers, by States, average 1936-45, annual 1946 and 1947*<sup>1</sup>

State	Total acreage			Yield per acre			Production			Dec. 1 price		
	Average 1936-45	1946	1947 <sup>2</sup>	Average 1936-45	1946	1947 <sup>2</sup>	Average 1936-45	1946	1947 <sup>2</sup>	Average 1936-45	1946	1947
	1,000 acres	1,000 acres	1,000 acres	Lb.	Lb.	Lb.	1,000 tons	1,000 tons	1,000 tons	Dol- lars	Dol- lars	Dol- lars
South Carolina.....	81	43	45	1,108	1,000	1,060	44	22	24	21.10	33.00	40.00
Georgia.....	1,131	666	639	837	860	850	471	286	272	17.20	34.00	32.00
Florida.....	198	175	175	548	500	500	54	44	44	15.70	32.00	32.00
Alabama.....	427	139	125	807	875	775	170	61	48	18.30	37.00	39.00
Mississippi.....	86	25	25	955	930	860	41	12	11	20.80	36.00	36.00
Louisiana.....	71	27	27	717	600	575	25	8	8	21.20	35.00	35.00
United States.....	1,995	1,075	1,036	812	806	786	806	433	407	17.90	34.20	33.50

<sup>1</sup> Refers to the yield and entire production of velvetbeans in the hull, whether grazed or harvested otherwise.<sup>2</sup> Preliminary.

Bureau of Agricultural Economics.

## CHAPTER VI

### STATISTICS OF BEEF CATTLE, HOGS, SHEEP, HORSES, AND MULES

This chapter contains statistics of most kinds of farm livestock and livestock products, with the exception of dairy and poultry.

The term "on farms" as used in this chapter includes ranches.

Inventory numbers in years when the census relates to a different date than January 1 were adjusted to a January 1 equivalent number. This adjustment takes into account the disappearance of numbers that were on hand January 1, which occurred between that date and the date of the enumeration. (For differences between Department estimates and census figures, see Chapter VI, Agricultural Statistics, 1947.)

The four series of animal units—A, B, C, and D—heretofore presented in Agricultural Statistics, have been discontinued. They have been replaced by a series of index numbers of livestock and poultry on farms and ranches January 1, together with a companion series on animal units of livestock (including poultry) fed annually.

The new series of index numbers are designed to show relative changes by different combinations of livestock and poultry inventories, weighted according to their economic importance. There are four series of index numbers: Total livestock and poultry, meat animals, milk animals, and poultry (separately). The two series on animal units fed annually provide combinations of livestock and poultry that more nearly take into account all of the livestock and poultry fed on farms and ranches in a feeding year, rather than only the number included in the January 1 inventory. These new tabulations appear in tables 499 and 500.

Other newly added tables present information on prices of lamb carcasses; prices of pork and lard; total commercial slaughter of cattle, calves, hogs, sheep, and lambs by States; lard futures; and international-trade tables on wool and meats.

**TABLE 418.—All cattle and cattle other than milk cows: Number and value on farms, Jan. 1, and calf crop, United States, 1930-48**

Year	All cattle			Cattle other than milk cows <sup>1</sup>			Calf crop
	Number	Farm value		Number	Farm value		
		Per head	Total		Per head	Total	
Thousands	Dollars	1,000 dollars	Thousands	Dollars	1,000 dollars	Thousands	
1930 <sup>2</sup>	84,260						
1930	61,003	56.36	3,438,056	37,971	40.38	1,533,262	28,087
1931	63,030	38.99	2,457,499	39,210	28.03	1,098,970	26,056
1932	65,801	26.39	1,736,706	40,905	18.41	753,035	27,568
1933	70,280	19.74	1,387,195	44,344	14.21	630,349	28,935
1934	74,360	17.78	1,321,980	47,438	12.54	594,941	30,240
1935 <sup>3</sup>	88,884						
1935	68,846	20.20	1,390,978	42,764	14.12	604,007	27,473
1936	67,847	34.06	2,310,539	42,651	25.04	1,067,786	28,201
1937	66,098	34.06	2,251,405	41,449	24.32	1,007,857	28,033
1938	65,249	36.58	2,386,979	40,783	25.82	1,053,149	27,787
1939	66,029	38.44	2,538,408	41,429	28.18	1,167,434	28,879
1940 <sup>4</sup>	60,675						
1940	68,309	40.60	2,770,296	43,369	30.90	1,342,057	29,886
1941	71,755	43.20	3,102,659	46,302	33.50	1,552,201	31,868
1942	76,025	55.00	4,179,783	49,712	42.90	2,130,404	34,388
1943	81,204	69.30	5,625,253	54,066	54.10	2,924,159	34,797
1944	85,334	68.40	5,836,605	57,630	52.20	3,006,801	37,040
1945 <sup>5</sup>	82,654						
1945	85,573	66.90	5,721,771	57,803	51.20	2,961,066	35,176
1946	82,434	76.20	6,279,500	55,739	58.90	3,285,063	34,650
1947	81,207	97.40	7,907,198	55,109	74.80	4,120,118	35,519
1948 <sup>6</sup>	78,564	116.00	9,150,013	53,399	94.10	5,023,852	

<sup>1</sup> Obtained by subtracting the estimates of milk cows and heifers 2 years old and over on farms, shown in table 421, from the estimates of all cattle on farms, shown in this table.

<sup>2</sup> Calves born during year.

<sup>3</sup> Italic figures are from the census. Census dates were Apr. 1, 1930; Jan. 1, 1935; Apr. 1, 1940; and Jan. 1, 1945. 1930 and 1940 exclude spring-born calves.

<sup>4</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1900-29 in Agricultural Statistics, 1942, table 484.



## CATTLE AND CALVES

333

TABLE 419.—All cattle and calves, including cows and heifers kept for milk: Number on farms, farm value per head, and total value, by States, Jan. 1, average 1937-46, annual 1947 and 1948

State and division	Number			Farm value					
	Average 1937-46	1947	1948 <sup>1</sup>	Value per head			Total value		
				Average 1937-46	1947	1948 <sup>1</sup>	Average 1937-46	1947	1948 <sup>1</sup>
	Thou- sands	Thou- sands	Thou- sands	Dollars	Dollars	Dollars	1,000 dollars	1,000 dollars	1,000 dollars
Maine.....	228	225	225	60.20	105.00	114.00	13,711	23,625	25,650
New Hampshire.....	124	123	123	74.90	128.00	138.00	9,323	15,744	16,974
Vermont.....	444	442	433	73.90	130.00	144.00	32,960	57,460	62,352
Massachusetts.....	196	190	185	99.00	176.00	184.00	19,481	33,440	34,224
Rhode Island.....	29	28	28	109.00	189.00	199.00	3,172	5,292	5,572
Connecticut.....	178	174	176	104.00	174.00	184.00	18,664	30,276	32,384
New York.....	2,104	2,118	2,139	88.30	167.00	177.00	187,035	353,706	378,603
New Jersey.....	206	216	220	129.00	218.00	232.00	26,841	47,088	51,040
Pennsylvania.....	1,554	1,721	1,721	79.10	147.00	156.00	124,896	252,987	268,476
North Atlantic.....	5,065	5,237	5,251	85.30	157.00	167.00	436,084	819,618	875,275
Ohio.....	2,097	2,150	2,150	59.80	118.00	126.00	127,201	253,700	270,900
Indiana.....	1,746	1,854	1,798	59.50	113.00	127.00	105,933	209,502	228,346
Illinois.....	3,003	3,303	3,138	61.60	114.00	132.00	188,934	376,542	414,216
Michigan.....	1,821	1,917	1,840	64.10	121.00	139.00	119,144	231,957	255,760
Wisconsin.....	3,661	3,922	3,844	78.20	148.00	162.00	292,733	580,456	622,728
East North Central.....	12,328	13,146	12,770	66.30	126.00	140.00	833,944	1,652,157	1,791,950
Minnesota.....	3,559	3,527	3,280	58.40	112.00	135.00	211,022	395,024	442,800
Iowa.....	5,048	5,189	4,722	56.30	105.00	127.00	290,850	544,845	599,694
Missouri.....	2,893	3,051	2,950	50.00	95.40	110.00	150,020	291,065	325,490
North Dakota.....	1,524	1,656	1,590	51.60	97.80	126.00	82,992	161,957	200,340
South Dakota.....	1,967	2,557	2,557	52.10	97.80	120.00	108,659	250,075	306,840
Nebraska.....	3,375	3,922	3,882	50.90	91.40	120.00	178,824	358,471	465,840
Kansas.....	3,363	3,337	3,396	48.10	89.20	114.00	170,150	315,500	387,144
West North Central.....	21,728	23,439	22,386	53.00	98.80	122.00	1,192,517	2,316,937	2,728,148
North Central.....	34,056	36,585	35,156	57.80	108.00	129.00	2,026,461	3,960,094	4,520,098
Delaware.....	56	61	61	73.20	128.00	137.00	4,166	7,808	8,357
Maryland.....	352	408	416	70.20	124.00	139.00	25,391	50,592	57,824
Virginia.....	956	1,055	1,066	52.40	97.90	108.00	51,456	103,284	115,128
West Virginia.....	581	572	555	47.90	94.60	102.00	28,068	54,111	60,610
North Carolina.....	654	677	677	31.20	81.70	85.90	20,639	55,311	58,154
South Carolina.....	359	380	376	39.80	71.30	85.40	14,619	27,094	28,350
Georgia.....	1,022	1,157	1,145	32.00	57.70	63.90	33,640	66,759	73,166
Florida.....	964	1,265	1,265	30.30	54.00	58.70	30,887	68,310	74,256
South Atlantic.....	4,944	5,575	5,561	42.80	77.70	84.80	217,806	433,269	471,845
Kentucky.....	1,326	1,502	1,592	45.90	88.60	101.00	62,812	133,077	160,792
Tennessee.....	1,295	1,452	1,408	41.40	79.40	90.30	55,274	115,289	127,142
Alabama.....	1,116	1,314	1,235	32.20	56.50	66.90	37,498	74,241	82,622
Mississippi.....	1,427	1,635	1,553	30.00	54.10	63.80	44,188	88,454	99,081
Arkansas.....	1,191	1,201	1,087	32.20	62.60	75.80	39,255	76,183	80,121
Louisiana.....	1,302	1,514	1,332	31.20	55.40	68.50	42,215	83,876	91,242
Oklahoma.....	2,667	2,724	2,479	39.10	71.60	94.50	108,250	195,048	234,266
Texas.....	7,999	8,935	8,578	38.50	69.60	88.80	317,402	621,876	761,726
South Central.....	18,324	20,277	19,234	37.30	68.40	85.10	706,895	1,387,034	1,636,992
Montana.....	1,410	1,829	1,811	56.10	97.80	130.00	85,782	178,876	235,430
Idaho.....	938	903	930	52.10	99.40	129.00	45,176	89,758	119,970
Wyoming.....	904	1,053	1,064	52.20	92.80	117.00	48,742	97,718	124,488
Colorado.....	1,614	1,731	1,766	50.10	90.20	118.00	83,579	156,136	208,388
New Mexico.....	1,303	1,179	1,179	43.90	76.30	103.00	57,607	89,958	131,457
Arizona.....	926	921	875	46.90	81.20	105.00	43,648	74,785	91,875
Utah.....	486	555	533	52.20	93.30	125.00	26,320	51,782	66,625
Nevada.....	420	510	495	52.20	89.90	126.00	22,668	45,849	62,370
Washington.....	866	886	868	56.60	107.00	130.00	49,117	94,802	112,840
Oregon.....	1,034	1,056	1,077	50.60	93.20	120.00	53,573	98,419	129,240
California.....	2,912	2,910	2,764	61.80	110.00	135.00	165,905	320,100	373,140
Western.....	12,412	13,533	13,362	53.30	95.90	123.00	682,017	1,298,183	1,645,803
United States.....	74,801	81,207	78,564	52.90	97.40	116.00	4,069,263	7,907,198	9,150,013

<sup>1</sup> Preliminary.

Bureau of Agricultural Economics.

TABLE 420.—Cattle: Number in specified countries, averages 1931-35 and 1936-40, annual 1943-47

Continent and country	Month of estimate <sup>1</sup>	Average		1943	1944	1945	1946	1947 <sup>2</sup>
		1931-35	1936-40					
		Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands
<b>North America:</b>								
Canada	Dec. 1 <sup>1</sup>	<sup>8</sup> 8,250	<sup>8</sup> 8,246	<sup>8</sup> 8,834	<sup>9</sup> 9,596	<sup>10</sup> 10,258	<sup>9</sup> 9,961	<sup>9</sup> 9,016
Costa Rica		400	366	413	437	464		
El Salvador	July	520	680	673	779		650	686
Guatemala	do.	409	520	729	657			
Honduras	do.	611	524		702		849	
Mexico	June	<sup>10</sup> 10,083	<sup>11</sup> 11,716		<sup>12</sup> 12,000			12,900
Nicaragua		<sup>4</sup> 800	<sup>4</sup> 700		800			
United States	Jan. 1	68,465	66,706	81,204	85,334	85,573	82,434	81,207
Cuba	Dec. 31 <sup>1</sup>	4,340	5,024	4,897	4,500	4,236	<sup>4</sup> 4,136	
Dominican Republic		<sup>2</sup> 906	<sup>2</sup> 885				597	
Estimated total		95,900	96,600		116,800	117,900	114,700	112,800
<b>Europe:</b>								
Albania <sup>7</sup>		393	<sup>4</sup> 413				371	
Austria <sup>7</sup>	Dec. 31 <sup>1</sup>	<sup>4</sup> 2,349	<sup>2</sup> 2,600	2,505	2,530	2,536	2,187	2,206
Belgium	Jan. 1	<sup>1</sup> 1,793	<sup>1</sup> 1,724	1,407	1,392	1,440	1,539	1,652
Bulgaria <sup>7 9</sup>	Dec. 31 <sup>1</sup>	<sup>10</sup> 1,873	<sup>1</sup> 1,822	2,112	2,050	1,950	1,900	2,005
Czechoslovakia <sup>7 11</sup>	Jan. 1		<sup>2</sup> 4,475	4,383	4,358	4,239	4,143	3,941
Denmark	Dec. 31 <sup>1</sup>	2,997	3,108	2,760	2,933	3,036	<sup>12</sup> 3,094	<sup>13</sup> 3,004
Eire	June	4,059	4,021	4,136	4,246	4,211	4,146	3,950
Finland	Mar. 1	<sup>11</sup> 1,792	<sup>11</sup> 1,850	1,721	1,867	1,694	1,673	1,560
France <sup>12</sup>	Fall <sup>1</sup>	15,616	<sup>15</sup> 15,504	<sup>14</sup> 16,282	<sup>14</sup> 14,997	<sup>13</sup> 13,960	<sup>14</sup> 14,273	15,100
Germany <sup>13</sup>	Dec. 1 <sup>1</sup>		<sup>16</sup> 16,050	15,215	15,700		13,693	14,029
Greece <sup>7</sup>	Dec. 31 <sup>1</sup>	937	<sup>3</sup> 1,041			520	570	600
Hungary <sup>7</sup>	Spring	1,759	1,905	2,338	2,167	<sup>15</sup> 1,070	<sup>16</sup> 1,104	1,406
Italy	July	<sup>7</sup> 7,090	<sup>7</sup> 7,571			6,550	6,900	7,700
Luxembourg	Dec. 1 <sup>1</sup>	<sup>3</sup> 101	<sup>3</sup> 108	121	129	105	111	117
Netherlands	May	<sup>2</sup> 734	2,693	2,058	2,190	2,277	2,410	2,367
Norway	June	1,323	1,390	1,250	1,280	1,270	1,267	1,225
Poland <sup>17</sup>	June 30		<sup>10</sup> 10,106				6,600	
Portugal	Dec. 31 <sup>1</sup>	<sup>16</sup> 905	<sup>16</sup> 905	1,040	1,020	1,000	860	
Rumania <sup>7 18</sup>	do.	<sup>12</sup> 3,709	<sup>12</sup> 3,709	4,152	4,173	4,100	3,227	
Spain	do.	<sup>4</sup> 4,011	<sup>4</sup> 3,739	4,152	4,173	4,100	3,808	
Sweden	Summer	3,025	2,959	2,790	2,859	2,843	2,870	2,790
Switzerland	April	1,636	1,663	1,517	1,497	1,461	1,472	1,451
United Kingdom	June	8,462	8,798	9,259	9,501	9,616	9,629	9,567
Yugoslavia <sup>7</sup>	Dec. 31 <sup>1</sup>	3,911	4,181					
Estimated total		<sup>20</sup> 107,100	102,400		94,700	91,800	91,300	94,000
<b>U.S.S.R. <sup>17</sup></b>								
	Jan. 1		<sup>4</sup> 59,800				47,000	46,800
<b>Asia:</b>								
Iran	March	2,167	<sup>2</sup> 2,797				<sup>5</sup> 2,500	2,500
Iraq <sup>7 21</sup>	Spring	310	<sup>3</sup> 374	484	466			
Palestine	do.	<sup>4</sup> 160	<sup>4</sup> 169	243				
Turkey <sup>7 21</sup>	Dec. 31 <sup>1</sup>	5,584	7,177	8,278	7,821	7,950	8,210	8,091
Burma <sup>7</sup>	do.	6,226	6,165	4,843	4,298			4,500
Ceylon <sup>7</sup>	do.	1,617	1,618	1,710	1,650	1,550	1,620	
China <sup>22</sup>	May	<sup>25</sup> 25,000	24,000		22,500	22,000	22,500	22,800
India <sup>7</sup>	Dec. 31 <sup>1</sup>	198,474	208,751		200,000	200,000		
Japan	do.	1,512	1,803	2,389	2,419		2,318	1,990
Formosa <sup>7</sup>	do.	384	354	312	325	310	300	
Korea	do.	1,649	<sup>1</sup> 1,698	1,780	1,790		1,030	1,150
Netherlands Indies <sup>7</sup>	do.	8,084	7,669					
Philippine Islands <sup>7</sup>	Jan. 1	3,493	<sup>24</sup> 4,268					2,800
Siam <sup>7</sup>	Mar. 31	10,047	11,303	12,787	11,051			
Estimated total <sup>24</sup>		272,400	283,200		270,200	265,000	266,700	268,500
<b>South America:</b>								
Argentina	July	<sup>3</sup> 31,540	<sup>3</sup> 33,762		33,500	34,010	34,000	34,500
Bolivia	Dec. 31 <sup>1</sup>	<sup>4</sup> 2,064	<sup>4</sup> 1,921	2,445				3,039
Brazil	September	<sup>44</sup> 40,003	<sup>40</sup> 40,801	<sup>42</sup> 42,500	42,700	44,613	46,358	46,000
Chile	June	<sup>2</sup> 426	2,489	2,391	2,311	2,348	2,397	2,333
Colombia	Dec. 31 <sup>1</sup>	<sup>7</sup> 7,730	<sup>8</sup> 8,010	10,934	11,456	12,334	13,000	
Ecuador		<sup>1</sup> 1,370	<sup>1</sup> 1,300	1,120	1,200	1,150		
Paraguay	Dec. 31 <sup>1</sup>	3,383	<sup>3</sup> 3,259	3,500	3,300	3,300	3,500	3,400
Uruguay	May	<sup>7</sup> 3,772	<sup>8</sup> 4,297		<sup>1</sup> 6,256		6,834	7,000
Estimated total		104,900	105,600		100,900	113,600	116,900	117,300

See footnotes at end of table.

## CATTLE

335

TABLE 420.—Cattle: Number in specified countries, averages 1931-35 and 1936-40, annual 1943-47—Continued

Continent and country	Month of estimate <sup>1</sup>	Average		1943	1944	1945	1946	1947 <sup>2</sup>
		1931-35	1936-40					
		Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands
<b>Africa:</b>								
Algeria.....	Mar. 1.....	879	837	893	896	850	<sup>1</sup> 843	-----
Anglo-Egyptian Sudan.....	-----	1,790	<sup>2</sup> 2,700	-----	-----	-----	-----	3,195
Kenya.....	July.....	5,209	<sup>2</sup> 5,239	-----	-----	4,300	-----	-----
Tanganyika.....	Dec. 31 <sup>1</sup>	5,182	5,000	5,888	5,944	5,745	6,007	-----
Egypt <sup>2</sup> .....	March.....	1,768	<sup>2</sup> 2,021	<sup>2</sup> 2,203	2,200	<sup>2</sup> 2,329	-----	-----
French Morocco <sup>2</sup> .....	Dec. 31 <sup>1</sup>	1,994	1,973	2,675	2,749	2,679	2,102	-----
Madagascar <sup>2</sup> .....	do.....	6,380	5,172	5,934	5,957	5,913	5,941	5,806
Mozambique.....	do.....	516	548	527	556	574	585	-----
Northern Rhodesia.....	do.....	480	618	643	655	688	702	-----
Angola.....	-----	<sup>2</sup> 1,750	<sup>2</sup> 990	1,031	1,080	1,120	-----	-----
Southern Rhodesia.....	Dec. 31 <sup>1</sup>	2,616	2,340	2,680	2,743	2,872	2,913	2,905
Spanish Morocco.....	-----	<sup>2</sup> 283	259	311	324	290	223	250
Tunisia.....	Dec. 31 <sup>1</sup>	523	494	553	529	501	500	401
Union of South Africa.....	August.....	10,497	11,636	13,068	13,100	12,900	12,697	12,600
Estimated total.....	-----	60,500	60,700	-----	67,200	67,100	66,900	66,100
<b>Oceania:</b>								
Australia.....	Mar. 31.....	<sup>1</sup> 12,685	<sup>1</sup> 13,285	14,005	14,184	14,133	13,878	13,427
New Zealand.....	Jan. 31.....	4,188	4,449	4,485	4,476	4,628	4,704	4,671
Estimated total.....	-----	17,500	18,100	-----	19,100	19,200	19,000	18,500
Estimated world total.....	-----	695,200	726,400	-----	718,400	717,900	722,500	723,900

<sup>1</sup> End of year estimates (October to December) included under following year for comparisons and totals. Thus for Canada the Dec. 1, 1942 estimate of 8,834,000 is shown under 1943.

<sup>2</sup> Preliminary.

<sup>3</sup> Average for 2 to 4 years only.

<sup>4</sup> Census or estimate for single year.

<sup>5</sup> Unofficial estimate.

<sup>6</sup> Census, July 1, 1946.

<sup>7</sup> Data include buffaloes.

<sup>8</sup> March.

<sup>9</sup> Includes Southern Dobrudja, beginning 1943; years 1944-46 have been adjusted to make a comparable series.

<sup>10</sup> Census, Dec. 31, 1934.

<sup>11</sup> Present territory—excludes Sub-Carpathian Russia.

<sup>12</sup> Includes also number of cattle in parishes and boroughs, which totaled 53,000 head in 1946 and 50,000 head in 1947.

<sup>13</sup> September.

<sup>14</sup> Official statistics plus an allowance for Alsace-Lorraine.

<sup>15</sup> Totals for 4 zones of occupation.

<sup>16</sup> Official statistics; may be an underestimate of actual numbers.

<sup>17</sup> Present territory.

<sup>18</sup> Present territory, excludes Southern Dobrudja.

<sup>19</sup> Average for years 1930-39.

<sup>20</sup> Not strictly comparable with later years, due to territorial changes.

<sup>21</sup> Data include only number taxed.

<sup>22</sup> Includes China-Proprietary (22 provinces) Manchuria, Jehol, and Sinkiang (Turkestan).

<sup>23</sup> Census, Jan. 1, 1939.

<sup>24</sup> Includes estimates for Outer Mongolia.

<sup>25</sup> June.

Office of Foreign Agricultural Relations. Prepared or estimated from official statistics, United States foreign service reports, and other information. Data relate to prewar boundaries, unless otherwise noted. Totals include estimates for countries for which official statistics are unavailable.

TABLE 421.—Cattle, by classes: Number on farms, United States, Jan. 1, 1930-48

Year	Kept for milk				Other cattle					
	Cows and heifers, 2 years old and over	Heifers, 1 to 2 years old	Heifer calves	Total	Cows and heifers, 2 years old and over	Heifers, 1 to 2 years old	Calves	Steers	Bulls	Total
	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands
1930	23,032	4,851	5,199	33,082	9,162	2,799	8,885	5,608	1,467	27,921
1931	23,820	4,962	5,189	33,971	9,809	3,015	8,915	5,798	1,522	29,059
1932	24,896	5,020	5,449	35,365	10,439	3,113	9,744	5,560	1,580	30,436
1933	25,936	5,250	5,674	36,860	11,346	3,414	11,241	5,765	1,654	33,420
1934	26,931	5,382	5,675	37,988	12,678	3,656	12,226	6,069	1,752	36,381
1935	26,082	4,995	5,280	36,357	11,151	3,362	10,980	5,323	1,673	32,489
1936	25,196	4,772	5,484	35,452	11,048	3,403	10,574	5,637	1,643	32,395
1937	24,649	4,899	5,305	34,853	10,682	3,229	10,395	5,325	1,614	31,245
1938	24,466	4,808	5,500	34,774	10,132	3,136	10,053	5,555	1,599	30,475
1939	24,600	5,122	5,904	35,626	9,987	3,058	10,572	5,192	1,594	30,403
1940	24,940	5,525	5,967	36,432	10,676	3,357	10,936	5,283	1,626	31,877
1941	25,453	5,676	6,254	37,383	11,396	3,789	11,413	6,119	1,685	34,372
1942	26,313	5,889	6,635	38,837	12,578	4,055	12,219	6,596	1,740	37,188
1943 <sup>1</sup>	27,138	6,067	7,035	40,240	13,980	4,547	13,239	7,361	1,837	40,964
1944	27,704	6,352	7,201	41,257	15,521	4,971	13,768	7,849	1,968	44,077
1945	27,770	6,307	6,772	40,849	16,456	5,069	12,871	8,329	1,999	44,724
1946	26,695	5,803	6,595	39,093	16,319	4,854	12,565	7,715	1,888	43,341
1947	26,098	5,602	6,768	38,468	16,469	4,664	12,595	7,164	1,847	42,739
1948 <sup>1</sup>	25,165	5,685	6,485	37,335	16,047	4,579	12,016	6,798	1,789	41,229

<sup>1</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1920-29 in Agricultural Statistics, 1942, table 486.

TABLE 422.—Purebred beef and dual-purpose cattle: Number of new registrations each year, as reported by breed associations, United States, 1938-47<sup>1</sup>

Year	Aberdeen-Angus	Devon	Hereford	Polled Hereford	Red Poll	Short-horn <sup>2</sup>	Brahman
	Number	Number	Number	Number	Number	Number	Number
1938	19,248	214	135,454	7,946	1,624	33,575	-----
1939	25,308	250	159,408	8,717	2,350	41,025	-----
1940	40,778	285	191,405	10,848	2,076	41,431	4,409
1941	38,737	336	207,517	15,244	2,724	50,120	4,132
1942	46,820	338	250,527	17,372	2,522	54,471	(9)
1943	52,432	398	288,675	17,034	3,155	52,845	8,536
1944	57,717	443	298,421	18,881	4,267	60,504	7,054
1945	66,020	401	316,081	31,863	3,958	63,988	10,954
1946	71,968	397	336,193	24,200	4,088	69,418	10,623
1947	* 81,992	403	356,530	33,000	4,366	80,853	14,928

<sup>1</sup> No reports were received for breeds not named in this table.<sup>2</sup> Includes the beef, milking, and polled types of Shorthorns.<sup>3</sup> No report of registrations was received for this year.<sup>4</sup> Fiscal year—October 1, 1946 to September 30, 1947.

Bureau of Animal Industry.

TABLE 423.—*Cattle and calves: Production, disposition, cash receipts, and gross income, United States, 1930-47*

Year	Calf crop <sup>1</sup>	Death loss		Marketings <sup>2</sup>		Cattle shipped in for feeding and breeding <sup>3</sup>	Farm slaughter	
		Cattle	Calves	Cattle	Calves		Cattle	Calves
	1,000 head	1,000 head	1,000 head	1,000 head	1,000 head	1,000 head	1,000 head	1,000 head
1930.....	25,087	1,203	1,944	15,232	8,662	5,145	487	677
1931.....	26,056	1,328	1,915	15,021	8,475	4,729	520	755
1932.....	27,568	1,349	1,991	14,569	8,170	4,499	717	792
1933.....	28,935	1,372	2,040	15,928	8,852	4,078	790	842
1934 <sup>4</sup> .....	30,240	1,437	2,157	23,325	11,450	4,419	828	985
1935 <sup>4</sup> .....	27,473	1,561	2,268	19,041	9,363	5,259	632	866
1936.....	28,201	1,349	2,070	19,991	10,029	4,990	613	888
1937.....	28,033	1,405	2,081	18,854	10,298	5,111	570	785
1938.....	27,787	1,308	1,928	18,552	9,560	5,635	569	725
1939.....	28,879	1,298	1,935	18,380	10,076	6,416	571	755
1940.....	29,886	1,397	1,992	18,413	10,365	7,026	571	728
1941.....	31,868	1,461	2,118	18,948	11,001	7,185	571	684
1942.....	34,388	1,560	2,349	20,740	11,787	8,514	646	641
1943.....	34,797	1,734	2,560	21,310	11,177	7,442	708	620
1944.....	37,040	1,734	2,772	23,627	14,323	7,233	854	724
1945.....	35,176	1,644	2,680	27,391	13,197	8,254	916	741
1946.....	34,550	1,566	2,543	26,188	12,656	8,877	943	758
1947 <sup>5</sup> .....	35,319	1,471	2,469	26,921	14,077	8,518	860	682

Year	Quantity produced (live weight) <sup>6</sup>	Value of production <sup>6</sup>	Cash receipts from sales of cattle, calves, beef, and veal <sup>7</sup>	Gross income <sup>7</sup>	Value of cattle and calves slaughtered for home consumption	Cost of cattle shipped in for feeding and breeding <sup>3</sup>	Annual average price per 100 pounds received by farmers	
							Cattle	Calves
	1,000 pounds	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	Dollars	Dollars
1930.....	13,263,048	1,931,910	1,183,573	1,204,337	30,764	273,322	7.71	9.68
1931.....	13,385,509	744,916	837,719	853,775	16,056	180,775	5.23	6.95
1932.....	14,232,264	597,193	620,561	635,478	14,917	141,673	4.25	4.95
1933.....	15,404,848	575,507	599,485	613,544	14,059	133,159	3.75	4.64
1934 <sup>4</sup> .....	14,537,806	554,749	812,823	827,602	14,779	114,636	4.13	4.92
1935 <sup>4</sup> .....	13,650,546	839,405	1,062,426	1,083,645	21,219	221,225	6.04	7.16
1936.....	14,437,789	856,653	1,113,564	1,133,872	20,308	187,697	5.82	7.20
1937.....	13,745,695	974,199	1,238,924	1,261,335	22,411	233,974	7.00	8.10
1938.....	14,046,970	931,675	1,162,422	1,183,564	21,142	267,583	6.54	7.90
1939.....	15,177,210	1,092,268	1,289,566	1,312,357	22,791	350,290	7.14	8.40
1940.....	15,702,110	1,194,608	1,375,631	1,400,019	24,388	401,821	7.56	8.83
1941.....	17,029,460	1,512,498	1,704,587	1,732,295	27,708	483,671	8.82	10.30
1942.....	18,567,995	1,997,831	2,262,549	2,299,679	37,130	671,182	10.70	12.30
1943.....	19,159,375	2,283,943	2,562,452	2,606,409	43,957	640,989	11.90	13.30
1944.....	19,708,295	2,164,836	2,604,481	2,652,264	47,783	564,830	10.80	12.40
1945.....	19,345,320	2,352,916	3,289,932	3,346,243	56,311	709,074	12.10	13.10
1946.....	18,781,924	2,735,993	3,722,141	3,793,431	71,290	906,512	14.50	15.30
1947 <sup>5</sup> .....	19,087,130	3,562,961	4,913,640	4,998,640	85,000	1,126,051	18.50	20.40

<sup>1</sup> Calves born during the year.<sup>2</sup> Excludes interfarm sales.<sup>3</sup> Includes cattle shipped in from other States and from central markets, but excludes intrastate shipments.<sup>4</sup> Includes Government purchases.<sup>5</sup> Preliminary.<sup>6</sup> Adjustments were made for cattle shipped in and changes in inventory.<sup>7</sup> No adjustments made for cost of cattle shipped in and changes in inventory values. Gross income is "Cash receipts from sales of cattle, calves, beef, and veal" plus "Value of cattle and calves slaughtered for home consumption."Bureau of Agricultural Economics. Data for 1924-29 (for most items shown) in *Agricultural Statistics*, 1942, table 491.

TABLE 424.—Cattle and calves: Production, disposition, cash receipts, and gross income, by States, 1946

State and division	Marketings <sup>1</sup>		Cattle shipped in for feeding and breeding	Farm slaughter		Quantity produced (live-weight)	Value of production <sup>2</sup>	Cash receipts from sales of calves, beef, and veal <sup>3</sup>	Gross income <sup>4</sup>	Value of cattle and calves slaughtered for home consumption	Cost of cattle shipped in for feeding and breeding <sup>5</sup>
	Cattle	Calves		Cattle	Calves						
	1,000 head	1,000 head	1,000 head	1,000 head	1,000 head	1,000 pounds	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Maine.....	33	49	7	9	6	38,380	4,824	5,471	5,638	167	844
New Hampshire.....	18	33	2	4	2	19,800	2,404	2,748	2,821	173	239
Vermont.....	51	143	21	9	4	63,860	7,185	9,729	9,959	230	2,531
Massachusetts.....	78	32	32	4	3	27,835	3,256	6,481	6,644	163	3,904
Rhode Island.....	8	12	6	1	3	3,980	478	1,069	1,133	34	722
Connecticut.....	41	19	19	6	3	20,770	2,470	5,666	5,666	136	2,377
New York.....	281	684	131	35	29	345,210	42,883	52,883	52,883	1,789	2,377
New Jersey.....	84	33	33	2	3	34,510	5,083	8,672	8,774	4,103	4,103
Pennsylvania.....	308	389	130	46	38	307,860	48,163	59,915	62,516	2,601	15,711
North Atlantic.....	806	1,520	274	114	88	862,315	123,433	152,528	157,820	5,292	32,598
Ohio.....	560	421	145	51	24	484,965	76,822	94,770	98,947	4,177	17,383
Indiana.....	636	304	276	40	30	488,265	77,758	104,398	107,964	3,566	30,178
Illinois.....	1,343	438	866	40	26	1,000,000	140,022	214,082	214,082	3,638	95,104
Michigan.....	414	141	141	5	26	417,741	58,375	72,375	72,375	2,073	3,126
Wisconsin.....	564	1,469	35	57	44	735,024	92,340	98,038	100,111	2,073	3,126
East North Central.....	3,517	2,960	1,376	243	159	2,956,599	441,253	581,241	597,317	16,076	151,639
Minnesota.....	973	683	164	59	44	876,425	122,238	144,024	150,116	6,092	15,365
Iowa.....	2,378	346	1,269	72	33	1,523,910	241,518	373,994	382,369	8,375	134,336
Missouri.....	1,547	444	775	33	33	904,455	146,301	237,244	239,355	2,111	74,896
North Dakota.....	571	167	125	26	17	696,625	101,018	178,484	178,484	2,194	17,008
South Dakota.....	843	161	111	26	19	696,625	101,018	178,484	178,484	2,194	17,008
Nebraska.....	1,142	616	616	38	18	1,129,725	176,621	253,432	257,395	4,963	67,353
Kansas.....	1,743	275	710	38	28	1,074,830	164,537	251,627	255,789	4,162	69,523
West North Central.....	9,803	2,170	3,728	285	182	6,632,265	1,014,282	1,448,015	1,479,372	31,357	380,959
North Central.....	13,320	5,156	5,104	528	341	9,588,864	1,435,535	2,029,266	2,076,689	47,433	532,698
Delaware.....	8	15	2	2	2	10,520	1,626	1,823	1,908	85	291
Maryland.....	76	125	26	10	3	75,335	12,335	15,762	15,762	245	2,652
Virginia.....	103	207	26	10	5	202,740	33,043	35,631	35,631	591	2,367
West Virginia.....	113	113	3	4	4	125,750	20,043	20,468	20,876	307	367
North Carolina.....	122	134	3	13	12	117,130	16,572	17,940	18,430	490	409
South Carolina.....	89	42	4	4	7	64,755	8,960	10,439	10,563	124	831
Georgia.....	236	102	14	9	9	167,105	21,141	21,584	21,786	202	272
Florida.....	184	122	55	18	5	153,405	17,852	19,324	19,558	234	4,825
South Atlantic.....	967	918	134	70	47	916,730	131,775	141,418	143,795	2,377	11,968

## CATTLE AND CALVES

339

Kentucky.....	484	279	232	8	6	347,910	54,162	74,839	75,398	457	22,244
Tennessee.....	371	273	106	6	7	306,770	41,056	48,411	48,705	284	9,557
Alabama.....	347	116	35	11	9	220,900	36,915	39,121	30,044	252	1,455
Mississippi.....	322	202	7	7	10	230,970	33,889	38,722	33,121	235	412
Arkansas.....	325	204	6	6	14	246,370	27,661	33,264	33,697	433	3,282
Louisiana.....	325	204	6	9	14	215,835	91,146	133,438	134,537	1,099	37,782
Oklahoma.....	1,198	430	406	11	26	716,810	91,892	310,825	312,712	1,887	82,212
Texas.....	2,756	1,431	806	13	54	1,704,530	226,892	702,235	707,180	4,945	157,930
South Central.....	6,159	3,246	1,648	72	135	4,005,255	532,034	832,310	84,790	1,480	6,098
Montana.....	679	94	62	16	12	556,550	79,731	93,139	46,921	952	6,377
Idaho.....	231	82	35	19	12	218,150	31,984	36,139	46,921	952	6,377
Wyoming.....	352	169	100	15	10	476,800	75,014	126,593	127,762	1,169	36,128
Colorado.....	352	169	300	15	10	257,845	33,597	66,595	66,595	804	29,040
New Mexico.....	632	202	300	9	9	189,860	23,351	40,251	40,251	1,092	14,868
Utah.....	332	128	177	12	9	138,755	19,461	23,189	23,761	572	2,385
Nevada.....	155	62	23	9	4	118,700	16,285	15,996	16,361	365	1,452
Washington.....	98	81	14	4	3	190,145	28,228	34,889	36,008	1,119	4,990
Oregon.....	205	98	45	25	21	263,065	38,243	46,665	47,423	738	4,736
California.....	287	112	46	22	21	704,100	102,788	166,264	166,324	2,060	64,136
Western.....	1,019	651	633	19	147	3,408,760	493,216	696,704	707,947	11,243	171,418
United States.....	4,846	1,807	1,717	159	758	18,781,924	2,735,993	3,722,141	3,783,431	71,290	906,512
United States.....	26,188	12,656	8,877	943							

<sup>1</sup> Excludes interfarm sales.  
<sup>2</sup> Includes cattle shipped in from other States and from central markets but excludes intrastate shipments.  
<sup>3</sup> Adjustments were made for cattle shipped in and changes in inventory.

<sup>4</sup> No adjustments made for cost of cattle shipped in and changes in inventory values. Gross income is "Cash receipts from sales of cattle, calves, beef, and veal" plus "Value of cattle and calves slaughtered for home consumption."

Bureau of Agricultural Economics.



TABLE 425.—Cattle and calves: Production, disposition, cash receipts, and gross income, by States, 1947 (preliminary)

State and division	Marketings <sup>1</sup>		Cattle shipped in for feeding and breeding <sup>2</sup>	Farm slaughter		Quantity produced (live-weight) <sup>3</sup>	Value of production <sup>4</sup>	Cash receipts from sales of cattle, calves, beef, and veal <sup>5</sup>	Gross income <sup>6</sup>	Value of cattle slaughtered for home consumption <sup>7</sup>	Cost of cattle shipped in for feeding and breeding <sup>8</sup>
	Cattle	Calves		Cattle	Calves						
	1,000 head	1,000 head	1,000 head	1,000 head	1,000 head	1,000 pounds	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Maline.....	30	63	4	9	7	38,275	5,909	6,321	153	212	626
New Hampshire.....	19	30	3	3	3	20,020	2,899	3,297	3,370	77	467
Vermont.....	65	150	9	7	4	59,200	7,960	9,610	9,839	229	1,410
Massachusetts.....	52	73	31	3	3	26,655	3,778	7,702	7,865	163	4,914
Rhode Island.....	6	13	5	1	1	3,100	458	992	1,033	41	784
Connecticut.....	36	69	19	3	2	28,340	4,176	6,186	6,320	125	2,981
New York.....	267	782	32	21	2	352,545	61,568	61,304	63,262	1,958	3,072
New Jersey.....	41	87	26	2	1	31,175	6,586	9,801	9,936	136	4,163
Pennsylvania.....	310	453	108	44	36	344,450	61,267	74,820	77,915	3,065	15,962
North Atlantic.....	816	1,671	224	104	80	877,760	154,541	180,042	186,073	6,031	34,429
Ohio.....	466	471	98	50	21	455,035	95,207	105,072	110,087	5,015	14,939
Indiana.....	727	373	338	38	26	487,545	98,844	146,060	150,370	4,304	45,738
Illinois.....	1,567	486	788	51	30	902,205	183,082	316,538	321,848	5,310	114,607
Michigan.....	359	364	38	42	35	391,970	77,479	88,788	91,573	2,785	4,354
Wisconsin.....	579	1,513	29	23	35	736,785	125,080	135,076	137,630	2,555	3,354
East North Central.....	3,738	3,307	1,291	234	140	2,976,540	579,092	791,539	811,508	19,960	182,992
Minnesota.....	1,062	749	178	55	35	859,270	152,021	194,971	202,029	7,058	21,082
Iowa.....	2,798	394	1,205	63	27	1,651,800	345,832	577,206	587,016	9,810	167,121
Missouri.....	1,558	606	823	21	35	946,320	195,114	310,886	313,872	2,960	105,920
North Dakota.....	481	178	10	26	15	429,440	77,704	83,480	86,753	3,267	1,242
South Dakota.....	183	182	22	22	17	674,610	131,739	184,403	181,551	3,128	22,973
Nebraska.....	1,630	263	17	31	1	1,104,835	221,570	307,378	313,713	6,335	82,116
Kansas.....	1,646	216	395	31	28	1,065,583	214,161	304,660	309,794	6,134	75,416
West North Central.....	10,096	2,491	3,585	293	165	6,790,860	1,338,441	1,939,900	1,974,708	37,718	475,870
North Central.....	13,834	5,708	4,876	497	305	9,737,400	1,918,133	2,728,529	2,786,216	57,087	658,862
Delaware.....	8	20	1	1	2	10,935	2,121	2,194	2,281	57	143
Maryland.....	125	125	23	6	2	70,835	13,720	16,203	15,498	295	2,961
Virginia.....	173	273	17	8	2	208,280	40,463	40,038	40,683	645	1,952
West Virginia.....	109	136	4	4	1	134,851	24,811	24,811	24,811	487	1,117
North Carolina.....	90	151	4	13	12	103,345	17,070	15,794	17,386	116	296
South Carolina.....	77	54	2	3	5	61,980	10,320	10,734	10,848	111	266
Georgia.....	227	155	8	8	5	179,280	26,968	27,778	28,068	230	78
Florida.....	207	176	24	17	4	165,370	20,931	22,528	22,770	242	2,770
South Atlantic.....	956	1,087	73	64	42	916,780	154,490	156,293	161,889	2,626	8,833

Kentucky.....	623	232	360	7	5	390,180	76,890	115,225	115,744	519	45,198
Tennessee.....	369	332	100	4	6	313,930	51,274	64,025	64,305	279	12,015
Alabama.....	345	165	4	7	7	217,810	31,994	36,220	36,472	252	208
Mississippi.....	352	290	23	5	7	238,860	36,069	41,994	42,171	207	433
Arkansas.....	269	269	6	7	7	241,780	31,008	33,157	33,427	270	2,082
Louisiana.....	400	313	333	7	12	35,570	32,890	35,719	35,719	1,438	2,658
Oklahoma.....	1,470	441	333	13	27	718,870	123,670	187,471	183,107	2,100	4,518
Texas.....	2,793	1,466	579	11	47	1,771,530	301,641	407,215	409,315	5,701	79,781
South Central.....	6,459	3,538	1,442	61	118	4,090,290	693,335	944,857	950,558	5,701	180,209
Montana.....	604	156	81	15	11	535,380	98,101	109,301	111,080	1,779	11,022
Idaho.....	249	72	79	17	13	225,390	41,385	48,305	49,329	834	9,696
Wyoming.....	343	63	43	7	3	289,585	55,184	59,743	60,672	929	4,919
Colorado.....	794	259	333	13	8	482,630	95,821	154,337	155,677	1,340	57,999
New Mexico.....	330	196	279	17	8	182,440	32,441	42,470	43,471	1,370	30,386
Arizona.....	165	165	165	11	8	30,379	30,379	48,848	50,122	1,370	30,386
Utah.....	162	162	162	15	3	133,045	24,213	29,978	30,408	361	3,947
Nevada.....	136	80	20	3	2	126,905	27,423	27,423	27,782	361	2,631
Washington.....	199	135	28	20	20	195,260	37,895	44,802	46,020	1,218	3,941
Oregon.....	262	117	41	15	20	272,945	49,951	54,085	54,838	753	5,365
California.....	1,233	703	756	21	41	745,510	141,226	251,568	254,559	2,991	96,957
Western.....	4,856	1,983	1,903	134	137	3,455,900	642,412	900,949	913,904	12,955	243,718
United States.....	26,921	14,077	8,518	860	682	19,057,130	3,562,901	4,913,640	4,998,640	55,000	1,126,061

<sup>1</sup> Excludes interfarm sales.

<sup>2</sup> Includes cattle shipped in from other States and from central markets.

<sup>3</sup> Adjustments were made for cattle shipped in and changes in inventory, but excludes intrastate shipments.

<sup>4</sup> No adjustments made for cost of cattle shipped in and changes in inventory values. Gross income is "Cash receipts from sales of cattle, calves, beef, and veal" plus "Value of cattle and calves slaughtered for home consumption."

Bureau of Agricultural Economics.

TABLE 426.—Cattle and calves on feed, East North Central, West North Central, and North Central States, and United States, Jan. 1, 1930-48<sup>1</sup>

Year	East North Central States	West North Central States	Total North Central States	United States <sup>2</sup>	Year	East North Central States	West North Central States	Total North Central States	United States <sup>2</sup>
	Thou-sands	Thou-sands	Thou-sands	Thou-sands		Thou-sands	Thou-sands	Thou-sands	Thou-sands
1930.....	619	1,964	2,583	3,113	1940.....	944	1,852	2,796	3,633
1931.....	568	1,930	2,498	3,025	1941.....	1,002	2,148	3,150	4,065
1932.....	618	1,739	2,357	2,878	1942.....	961	2,293	3,254	4,185
1933.....	687	1,918	2,605	3,080	1943.....	993	2,540	3,533	4,445
1934.....	593	1,818	2,411	2,890	1944.....	905	2,319	3,224	4,015
1935.....	579	1,229	1,808	2,215	1945.....	907	2,662	3,569	4,411
1936.....	750	1,770	2,520	3,202	1946.....	888	2,448	3,336	4,211
1937.....	740	1,280	2,020	2,759	1947.....	961	2,456	3,417	4,307
1938.....	840	1,651	2,491	3,336	1948 <sup>3</sup> .....	825	1,954	2,779	3,774
1939.....	855	1,696	2,551	3,303					

<sup>1</sup> Estimates include only cattle being fattened for market as a more or less distinct agricultural enterprise, and exclude small operations incidental to dairy and general farming. Cattle thus fed are presumed to produce carcasses that will grade Commercial or better. In addition there have been a number of cattle finished on distillery slop, mostly in Kentucky, and on byproduct feeds in other States not shown, as well as large numbers being winter-fed in West Virginia, Virginia, Kentucky, and some other States, to be marketed as "grass fat" cattle in the late summer.

<sup>2</sup> Includes cattle and calves on feed in Pennsylvania and in 15 Western States.

<sup>3</sup> Preliminary.

Bureau of Agricultural Economics.

TABLE 427.—Cattle and calves on feed, by States, average 1937-46, annual 1947 and 1948<sup>1</sup>

State and division	Average 1937-46	1947	1948	State and division	Average 1937-46	1947	1948
	Thou-sands	Thou-sands	Thou-sands		Thou-sands	Thou-sands	Thou-sands
Pennsylvania.....	78	90	85	Oklahoma.....	50	50	50
Ohio.....	123	120	110	Texas.....	149	121	115
Indiana.....	160	183	155	Montana.....	31	48	55
Illinois.....	464	500	400	Idaho.....	46	70	80
Michigan.....	89	81	77	Wyoming.....	16	20	20
Wisconsin.....	68	77	83	Colorado.....	150	146	180
East North Central.....	904	961	825	New Mexico.....	16	11	22
Minnesota.....	270	282	240	Arizona.....	57	50	65
Iowa.....	860	970	728	Utah.....	36	37	44
Missouri.....	264	300	240	Nevada.....	24	22	24
North Dakota.....	56	64	54	Washington.....	22	27	22
South Dakota.....	117	170	136	Oregon.....	25	32	24
Nebraska.....	200	413	330	California.....	144	166	209
Kansas.....	222	257	226	Western.....	766	800	910
West North Central.....	2,088	2,456	1,954	United States.....	3,836	4,307	3,774
North Central.....	2,992	3,417	2,779				

<sup>1</sup> Same as footnote 1 in table 426.

Bureau of Agricultural Economics.

TABLE 428.—Cattle and calves: Receipts at public stockyards, 1938-47

CATTLE<sup>1</sup>

Year	Chi- cago	Den- ver	Fort Worth	Kan- sas City	Omaha	St. Louis Natl. Stock Yards	South St. Joseph	South St. Paul	Sioux City	Total 9 mar- kets <sup>2</sup>	All others report- ing	Total, 67 markets report- ing <sup>2</sup>
	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands
1938.....	1,885	541	764	1,334	1,177	848	310	882	658	8,399	5,677	14,076
1939.....	1,818	509	620	1,387	1,184	797	313	893	673	8,194	5,702	13,896
1940.....	1,926	466	524	1,324	1,206	881	340	942	735	8,343	5,734	14,077
1941.....	2,035	495	591	1,382	1,305	874	410	1,060	873	9,025	6,203	15,228
1942.....	2,182	613	862	1,887	1,474	1,046	472	1,162	1,006	10,702	7,277	17,979
1943.....	2,143	690	879	2,137	1,615	1,066	504	985	1,062	11,181	7,009	18,190
1944.....	2,340	765	1,046	1,979	1,680	1,220	573	1,175	1,242	12,019	8,494	20,513
1945.....	2,391	793	1,019	2,094	1,859	1,317	561	1,138	1,444	12,617	9,555	22,172
1946.....	1,960	820	873	1,894	1,735	1,250	501	1,009	1,448	10,489	10,789	21,278
1947.....	2,089	898	968	1,956	1,910	1,304	682	1,216	1,463	12,486	9,617	22,103

CALVES<sup>1</sup>

Year	Chi- cago	Den- ver	Fort Worth	Kan- sas City	Omaha	St. Louis Natl. Stock Yards	South St. Joseph	South St. Paul	Sioux City	Total 9 mar- kets <sup>2</sup>	All others report- ing	Total, 67 markets report- ing <sup>2</sup>
	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands
1938.....	325	79	449	335	121	555	66	487	54	2,471	4,092	6,563
1939.....	312	112	422	325	128	498	58	480	60	2,396	4,164	6,560
1940.....	271	117	377	276	120	435	58	465	62	2,182	4,100	6,282
1941.....	244	107	372	233	101	434	50	471	58	2,070	4,058	6,128
1942.....	248	112	420	278	89	505	54	503	66	2,275	4,406	6,681
1943.....	217	94	376	268	84	416	67	438	48	2,007	3,687	5,694
1944.....	287	127	482	387	144	529	118	572	87	2,733	4,556	7,289
1945.....	230	129	524	338	111	529	116	518	84	2,578	4,492	7,070
1946.....	194	132	481	361	111	538	95	503	99	2,514	4,304	6,818
1947.....	271	133	446	313	105	557	121	626	67	2,640	4,819	7,459

## TRUCK RECEIPTS, CATTLE

Year	Chi- cago	Den- ver	Fort Worth	Kan- sas City	Omaha	St. Louis Natl. Stock Yards	South St. Joseph	South St. Paul	Sioux City	Total 9 mar- kets <sup>2</sup>	All others report- ing	Total, 67 markets report- ing <sup>2</sup>
	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands
1938.....	783	167	601	428	750	510	209	609	522	4,579	3,666	8,245
1939.....	881	177	517	466	803	535	215	597	535	4,726	3,861	8,587
1940.....	1,030	172	463	526	888	671	254	651	587	5,242	3,999	9,241
1941.....	1,170	187	531	635	1,017	686	306	737	715	5,984	4,507	10,491
1942.....	1,234	218	730	685	1,091	726	336	804	700	6,584	4,897	11,481
1943.....	1,153	220	647	658	1,157	686	322	680	879	6,403	4,207	10,610
1944.....	1,128	289	831	728	1,170	798	366	745	838	6,894	5,251	12,145
1945.....	1,214	296	755	780	1,409	760	386	746	1,056	7,401	5,478	12,879
1946.....	1,162	356	686	744	1,337	616	365	663	1,083	5,930	6,241	12,171
1947.....	1,411	452	800	829	1,511	874	492	915	1,145	8,428	6,271	14,699

## TRUCK RECEIPTS, CALVES

Year	Chi- cago	Den- ver	Fort Worth	Kan- sas City	Omaha	St. Louis Natl. Stock Yards	South St. Joseph	South St. Paul	Sioux City	Total 9 mar- kets <sup>2</sup>	All others report- ing	Total, 67 markets report- ing <sup>2</sup>
	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands
1938.....	140	43	316	133	75	269	61	421	26	1,482	2,335	3,817
1939.....	130	56	298	126	64	250	50	406	27	1,406	2,576	3,982
1940.....	132	52	303	126	70	267	53	403	33	1,439	2,594	4,033
1941.....	138	51	315	123	50	279	46	417	27	1,446	2,686	4,132
1942.....	142	49	323	122	41	280	47	444	23	1,471	2,805	4,277
1943.....	132	39	311	113	38	259	51	391	19	1,354	2,337	3,691
1944.....	146	69	410	193	74	331	87	502	31	1,843	3,015	4,858
1945.....	122	58	422	166	63	295	91	458	21	1,696	2,899	4,595
1946.....	106	59	400	157	54	303	78	448	26	1,631	2,616	4,247
1947.....	145	65	401	175	68	341	103	572	25	1,894	3,290	5,184

<sup>1</sup> Total rail and truck receipts, unloaded at public stockyards.<sup>2</sup> Rounded totals of the complete figures.

Production and Marketing Administration. Compiled from reports received from stockyard companies. Data for 1931-37 in Agricultural Statistics, 1941, table 466.

TABLE 429.—Feeder cattle: Inspected shipments from public stockyards, 1940-47

Origin and destination	1940	1941	1942	1943	1944	1945	1946	1947
<b>Market origin:</b>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>
Baltimore, Md.	13,945	9,724	12,230	11,698	14,917	17,809	20,866	19,577
Chicago, Ill.	131,585	106,858	115,400	108,238	99,373	105,473	130,913	80,939
Cincinnati, Ohio	12,211	9,378	10,598	12,254	11,559	9,484	14,276	13,551
Denver, Colo.	183,411	180,293	201,846	308,098	265,377	303,715	364,046	368,511
Detroit, Mich.	17,465	15,752	14,578	19,304	14,548	14,616	11,880	11,189
Fort Worth, Tex.	140,313	125,725	181,704	163,297	145,635	199,065	203,202	147,539
Indianapolis, Ind.	44,404	43,562	39,315	38,066	33,709	34,599	45,330	45,378
Kansas City, Kans.	538,793	510,476	616,917	669,681	493,016	490,815	524,594	483,453
Lancaster, Pa.	77,876	55,949	81,832	87,493	57,529	104,396	110,458	88,756
Los Angeles, Calif.	48,284	55,142	46,259	54,615	63,892	79,216	64,802	81,601
Louisville, Ky.	71,552	71,462	85,079	62,042	47,188	61,936	73,918	70,002
Nashville, Tenn.	14,827	8,107	20,046	18,039	9,287	10,739	9,262	10,576
Ogden, Utah	57,261	59,334	53,112	59,203	72,688	125,803	145,248	136,510
Oklahoma City, Okla.	162,299	197,730	222,285	204,938	126,807	151,925	211,136	203,800
Omaha, Nebr.	373,075	347,566	379,965	398,178	382,065	357,246	444,131	378,687
St. Louis <sup>1</sup>	174,257	159,280	190,466	165,294	135,284	139,429	199,633	159,099
San Antonio, Tex.	179,712	185,256	194,907	177,511	167,074	204,784	261,537	259,887
Sioux City, Iowa	253,487	261,479	304,640	306,772	352,156	383,788	429,038	352,667
Sioux Falls, S. Dak.	67,386	69,189	70,680	80,557	80,071	79,068	77,447	83,525
South St. Joseph, Mo.	58,668	65,858	72,709	67,599	50,264	51,748	61,982	69,415
South St. Paul, Minn.	169,108	187,933	187,175	170,105	177,783	186,959	210,613	158,304
Wichita, Kans.	159,539	207,654	215,109	191,967	158,727	173,516	155,208	153,401
All other inspected	212,342	238,202	248,570	247,792	222,340	246,668	330,765	279,194
<b>Total</b>	<b>3,162,100</b>	<b>3,181,918</b>	<b>3,625,452</b>	<b>3,622,731</b>	<b>3,179,289</b>	<b>3,532,797</b>	<b>4,100,305</b>	<b>3,655,671</b>
<b>State destination:</b>								
Pennsylvania	92,880	69,021	98,583	108,224	70,720	120,926	130,119	104,896
Ohio	104,329	72,031	92,585	108,614	73,136	96,086	110,790	82,788
Indiana	147,844	134,881	143,883	123,614	95,637	131,419	164,865	131,025
Illinois	480,663	417,356	482,021	429,180	419,310	432,578	538,896	440,271
Michigan	66,059	38,923	39,143	56,562	28,193	31,783	42,497	27,731
Wisconsin	17,709	14,927	12,869	16,480	15,815	19,635	10,067	14,988
Minnesota	110,818	111,062	99,516	90,019	67,723	79,157	83,727	75,513
Iowa	695,023	666,748	735,290	725,040	720,934	617,491	718,605	554,348
Missouri	218,599	216,105	239,247	245,092	167,985	179,529	254,015	234,349
South Dakota	50,077	46,753	54,106	86,214	71,093	99,341	91,032	92,970
Nebraska	216,838	230,681	278,015	286,366	285,209	330,547	357,952	344,918
Kansas	269,120	362,499	472,461	369,392	330,240	330,580	322,130	288,232
Maryland	13,748	10,527	14,049	12,449	12,817	20,710	24,555	19,154
Virginia	13,215	7,244	15,212	21,311	9,273	17,144	25,449	14,376
Kentucky	89,995	90,529	120,436	93,641	76,221	105,313	126,461	111,886
Tennessee	21,792	18,940	34,437	28,966	21,939	30,928	37,784	31,464
Louisiana	16,240	13,221	11,402	20,762	21,458	42,869	48,529	32,194
Oklahoma	140,178	164,367	187,015	146,470	125,472	116,097	137,888	161,033
Texas	103,175	141,135	130,100	146,913	126,464	146,109	202,530	198,973
Montana	9,791	8,884	7,816	21,003	13,285	18,648	31,678	25,819
Idaho	3,144	5,155	4,554	6,723	7,254	6,306	17,421	27,996
Wyoming	5,811	8,336	13,742	17,598	17,285	19,499	20,792	21,287
Colorado	71,848	98,267	130,678	170,751	131,735	168,060	170,450	239,382
Utah	24,132	31,794	19,165	18,831	22,369	25,322	22,425	29,211
Washington	22,733	30,586	26,529	25,119	26,799	27,507	33,166	26,302
California	89,135	92,389	92,417	131,333	130,199	202,921	202,142	236,228
All other	77,175	79,557	70,121	115,700	90,724	116,092	156,350	88,337
<b>Total</b>	<b>3,162,100</b>	<b>3,181,918</b>	<b>3,625,452</b>	<b>3,622,731</b>	<b>3,179,289</b>	<b>3,532,797</b>	<b>4,100,305</b>	<b>3,655,671</b>

<sup>1</sup> Includes St. Louis National Stock Yards, Ill., and St. Louis, Mo.

Bureau of Agricultural Economics. Compiled from inspection records of Bureau of Animal Industry. Data for 1926-39 in Agricultural Statistics, 1941, table 467.

TABLE 430.—*Cattle and calves: Stocker and feeder shipments into 8 North Central States, 1943-47*<sup>1</sup>

Year and source	Shipments into—							
	Ohio	Indiana	Illinois	Michigan	Wisconsin	Minnesota	Iowa	Nebraska
1943:								
Public stockyards.....	Number 105,587	Number 144,993	Number 372,339	Number 55,438	Number 17,140	Number 86,954	Number 735,541	Number 294,257
Direct.....	17,495	24,237	96,103	3,032	9,516	36,610	259,887	103,692
Total.....	123,082	169,230	468,442	58,470	26,656	123,564	995,428	397,949
1944:								
Public stockyards.....	84,992	104,651	375,148	26,652	15,625	66,291	759,472	278,220
Direct.....	4,928	17,648	107,375	1,341	5,757	45,031	289,657	96,817
Total.....	89,920	122,299	482,523	27,993	21,382	111,322	1,049,129	375,037
1945:								
Public stockyards.....	93,452	149,751	388,628	31,482	17,878	77,228	721,229	331,737
Direct.....	14,426	32,912	157,155	6,223	10,891	76,995	321,955	122,656
Total.....	107,878	182,663	545,783	37,705	28,769	154,223	1,043,184	454,393
1946:								
Public stockyards.....	117,517	153,477	454,081	40,599	15,940	81,867	821,586	337,600
Direct.....	16,422	40,115	226,880	5,438	8,394	64,992	387,774	162,540
Total.....	133,939	193,592	680,961	46,037	24,334	146,859	1,209,360	500,140
1947:								
Public stockyards.....	78,529	136,671	397,496	27,215	14,004	69,771	715,910	322,248
Direct.....	9,547	35,823	214,675	4,114	7,418	69,764	336,432	160,917
Total.....	88,076	172,494	612,171	31,329	21,422	139,535	1,052,342	483,165

<sup>1</sup> Under "Public stockyards" are included stockers and feeders which were bought at stockyards markets. Under "Direct" are included stockers and feeders coming from other States from points other than public stockyards, some of which are inspected at public stockyards while stopping for feed, water, and rest en route.

Bureau of Agricultural Economics. Compiled from data obtained from offices of State veterinarians.

TABLE 431.—*Cattle and calves: Annual slaughter, United States, 1930-47*

Year	Cattle slaughter				Calf slaughter			
	Federally inspected <sup>1</sup>	Not federally inspected		Total	Federally inspected <sup>1</sup>	Not federally inspected		Total
		Other whole-sale, and retail	Farm			Other whole-sale, and retail	Farm	
	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands
1930.....	8,170	3,399	487	12,056	4,595	2,489	677	7,761
1931.....	8,108	3,468	520	12,096	4,717	2,585	755	8,057
1932.....	7,625	3,638	717	11,980	4,492	2,686	792	7,970
1933.....	8,655	3,662	790	13,107	4,907	2,815	842	8,564
1934.....	<sup>2</sup> 13,277	5,404	828	<sup>2</sup> 19,509	<sup>2</sup> 7,455	3,319	985	<sup>2</sup> 11,759
1935.....	<sup>2</sup> 9,853	4,320	632	<sup>2</sup> 14,805	<sup>2</sup> 5,718	3,048	866	<sup>2</sup> 9,632
1936.....	<sup>2</sup> 10,976	4,312	613	<sup>2</sup> 15,901	<sup>2</sup> 6,070	3,050	888	<sup>2</sup> 10,008
1937.....	10,070	4,614	570	15,254	6,281	3,238	785	10,304
1938.....	9,776	4,477	569	14,822	5,492	3,089	725	9,306
1939.....	9,446	4,694	571	14,621	5,264	3,172	759	9,191
1940.....	9,743	4,644	571	14,958	5,358	3,003	728	9,089
1941.....	10,932	4,916	571	16,419	5,461	3,107	684	9,252
1942.....	12,340	5,047	646	18,033	5,760	3,317	641	9,718
1943.....	11,721	5,416	708	17,845	5,209	4,111	620	9,940
1944.....	13,955	<sup>4</sup> 5,035	854	19,844	7,769	<sup>4</sup> 5,740	724	14,242
1945.....	14,531	<sup>4</sup> 6,244	916	21,691	7,020	<sup>4</sup> 5,884	741	13,645
1946.....	11,402	<sup>4</sup> 7,479	943	19,824	5,841	<sup>4</sup> 5,569	758	12,168
1947.....	15,524	<sup>4</sup> 6,009	800	22,393	7,933	<sup>4</sup> 5,080	682	13,695

<sup>1</sup> Includes slaughter in war-duration or "Fulmer" plants, 1942-46, representing an increase in the number of federally inspected slaughter plants.

<sup>2</sup> Includes 3,333,570 cattle in 1934, 186,683 in 1935, and 3500 in 1936, slaughtered for Government account.

<sup>3</sup> Includes 1,376,572 calves in 1934, 39,358 in 1935, and 163 in 1936, slaughtered for Government account.

<sup>4</sup> Data obtained from reports of slaughterers.

<sup>5</sup> Preliminary.

Bureau of Agricultural Economics.

TABLE 432.—Cattle and calves: Slaughter under Federal inspection, by stations, 1938-47<sup>1</sup>

## CATTLE

Year	Chi- cago <sup>2</sup>	Denver	Kansas City	New York <sup>3</sup>	Omaha <sup>4</sup>	St. Louis <sup>5</sup>	Sioux City	So. St. Paul <sup>6</sup>	All other stations	Total
	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands
1938.....	1,347	121	643	451	689	585	318	702	4,920	9,776
1939.....	1,281	120	633	454	717	539	333	676	4,693	9,446
1940.....	1,358	111	611	452	744	578	367	725	4,811	9,756
1941.....	1,508	145	737	478	857	620	451	834	5,316	10,946
1942.....	1,575	212	955	506	924	683	480	869	6,142	12,347
1943.....	1,289	247	900	464	1,006	610	548	665	5,999	11,727
1944.....	1,540	293	1,004	566	1,083	706	529	822	7,417	13,960
1945.....	1,441	267	1,017	632	1,124	683	518	746	8,110	14,538
1946.....	975	217	722	538	759	467	358	542	6,835	11,413
1947.....	1,428	333	1,031	437	1,206	872	557	897	8,763	15,524

## CALVES

Year	Chi- cago <sup>2</sup>	Denver	Kansas City	New York <sup>3</sup>	Omaha <sup>4</sup>	St. Louis <sup>5</sup>	Sioux City	So. St. Paul <sup>6</sup>	All other stations	Total
	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands
1938.....	321	20	297	827	82	446	22	522	2,955	5,492
1939.....	340	20	267	720	58	440	14	507	2,898	5,264
1940.....	345	20	247	750	56	421	12	496	3,013	5,359
1941.....	300	20	221	741	40	468	7	503	3,160	5,461
1942.....	262	21	248	777	30	446	7	514	3,454	5,760
1943.....	270	21	268	538	38	369	10	405	3,292	5,208
1944.....	455	60	412	671	123	615	65	570	4,899	7,770
1945.....	372	39	383	428	78	512	33	495	4,680	7,020
1946.....	326	22	256	455	47	350	18	456	3,912	5,842
1947.....	615	40	389	548	81	648	20	570	5,022	7,933

<sup>1</sup> Includes slaughter in plants to which Federal inspection was extended by the Fulmer Act and in plants operating under limited inspection, beginning 1942.

<sup>2</sup> Includes Elburn, Ill.

<sup>3</sup> Includes Jersey City and Newark, N. J.

<sup>4</sup> Includes Lincoln, Nebr.

<sup>5</sup> Includes St. Louis National Stock Yards, East St. Louis, Ill., and St. Louis, Mo.

<sup>6</sup> Includes Newport and St. Paul, Minn.

Production and Marketing Administration. Compiled from inspection records of Bureau of Animal Industry. Data for 1931-37 in 1941 Agricultural Statistics, table 475.

TABLE 433.—Cattle: Number, by classes, slaughtered under Federal inspection, 1938-47

Year	Steers		Cows and heifers		Bulls and stags		Year	Steers		Cows and heifers		Bulls and stags	
	Thou- sands	Per- cent	Thou- sands	Per- cent	Thou- sands	Per- cent		Thou- sands	Per- cent	Thou- sands	Per- cent	Thou- sands	Per- cent
1938.....	4,517	48.2	4,861	49.8	398	4.0	1943.....	5,737	48.9	5,516	47.0	474	4.0
1939.....	4,588	48.6	4,446	47.0	412	4.4	1944.....	5,860	42.0	7,392	52.9	708	5.1
1940.....	4,866	49.9	4,481	45.9	409	4.2	1945.....	6,657	45.8	7,311	50.3	571	3.9
1941.....	5,459	49.9	4,992	45.6	496	4.5	1946.....	5,364	47.0	5,641	49.4	408	3.6
1942.....	6,019	48.7	5,854	47.4	475	3.8	1947.....	6,968	44.9	17,983	51.4	573	3.7

<sup>1</sup> Number of cows slaughtered in 1947 was 6,030 thousand head, or 38.8 percent; heifers, 1,953 thousand head, or 12.6 percent.

Production and Marketing Administration. Data for 1923-37 in Agricultural Statistics, 1941, table 478.



TABLE 434.—Cattle and calves: Number slaughtered, 1946 and 1947, and average live weight and total live weight, 1947, by States <sup>1</sup>

State	Cattle				Calves			
	Number slaughtered		Average live weight <sup>2</sup>	Total live weight <sup>3</sup>	Number slaughtered		Average live weight <sup>2</sup>	Total live weight <sup>3</sup>
	1946	1947	1947	1947	1946	1947	1947	1947
	Head	Head	Pounds	1,000 pounds	Head	Head	Pounds	1,000 pounds
New England.....	563,800	381,700	959	366,177	427,500	466,100	90	42,008
New York.....	779,000	557,000	1,041	579,745	945,000	979,000	146	143,132
New Jersey.....	475,000	299,000	1,104	330,067	282,000	290,000	180	52,237
Pennsylvania.....	888,000	767,000	981	752,785	726,000	789,000	139	109,428
Ohio.....	1,046,000	1,116,000	894	997,598	336,000	425,000	154	65,615
Indiana.....	529,000	605,000	853	515,948	172,000	206,400	202	41,685
Illinois.....	1,443,000	2,188,000	906	1,983,271	866,000	1,236,000	186	229,868
Michigan.....	742,000	735,000	920	675,914	458,000	607,000	170	103,119
Wisconsin.....	589,000	648,000	1,016	658,058	1,138,000	1,188,000	116	137,969
Minnesota.....	867,000	1,319,000	970	1,279,989	689,000	809,000	154	124,436
Iowa.....	965,000	1,474,000	944	1,392,133	421,000	480,000	232	111,320
Missouri.....	648,000	924,000	838	774,697	292,000	480,000	229	111,405
North Dakota.....	99,300	123,400	965	121,551	47,500	81,200	268	21,778
South Dakota.....	180,500	225,000	941	211,735	12,300	18,500	284	5,258
Nebraska.....	902,000	1,306,000	940	1,227,233	61,300	92,800	319	29,564
Kansas.....	1,012,000	1,395,000	897	1,251,236	328,000	469,000	274	128,690
Delaware and Maryland <sup>4</sup>	122,800	194,900	971	189,167	205,600	169,600	153	25,887
Virginia.....	128,500	101,100	863	87,237	98,000	102,400	200	20,435
West Virginia.....	90,700	77,600	867	67,253	48,000	40,000	165	6,608
North Carolina.....	130,100	114,400	767	87,746	99,000	115,100	179	20,584
South Carolina.....	98,200	85,800	675	57,910	34,400	42,500	222	9,447
Georgia.....	346,000	420,000	628	263,675	157,000	209,200	245	51,226
Florida.....	271,000	246,200	631	155,473	100,300	139,900	234	32,780
Kentucky.....	190,000	205,000	813	166,756	123,500	140,500	178	25,072
Tennessee.....	261,000	299,000	771	230,588	232,000	331,000	186	61,730
Alabama.....	226,000	230,000	659	151,599	130,000	115,600	274	31,619
Mississippi.....	131,600	124,300	639	79,445	116,500	103,500	295	30,571
Arkansas.....	169,000	140,300	690	96,836	76,000	39,600	358	14,192
Louisiana.....	196,000	216,000	672	145,148	401,000	353,000	351	124,017
Oklahoma.....	317,000	425,000	793	336,821	244,900	234,000	365	85,508
Texas.....	1,195,000	1,409,000	749	1,055,284	1,165,000	1,168,000	374	436,523
Montana.....	88,800	66,800	939	62,722	25,600	18,700	332	6,215
Idaho.....	77,000	71,500	946	67,654	20,800	14,600	316	4,609
Wyoming.....	36,000	20,100	967	19,439	4,500	4,900	226	1,107
Colorado.....	411,000	463,000	928	429,817	52,100	62,900	329	20,670
New Mexico.....	49,000	41,000	724	29,672	17,100	12,000	383	4,598
Arizona.....	98,700	86,600	873	75,578	18,000	15,700	388	6,096
Utah.....	125,000	121,900	906	110,414	25,500	31,100	289	8,969
Nevada.....	41,000	44,400	1,030	45,732	13,700	15,500	339	5,248
Washington.....	363,000	351,000	932	327,222	75,700	94,300	283	26,678
Oregon.....	215,000	229,000	940	215,173	81,200	76,400	260	19,902
California.....	1,685,000	1,686,000	981	1,653,388	643,000	740,000	246	181,884
United States.....	18,881,000	21,533,000	898	19,325,906	11,410,000	13,013,000	209	2,719,697

<sup>1</sup> Includes slaughter under Federal inspection and other wholesale and retail slaughter; excludes farm slaughter.<sup>2</sup> Comparable data for 1946 not available by States.<sup>3</sup> Includes the District of Columbia.

Bureau of Agricultural Economics.

TABLE 435.—Cattle and calves: Number slaughtered under Federal inspection, average live weight, and average cost to slaughterers per 100 pounds (live weight) 1938-47<sup>1</sup>

Year	Cattle			Calves			Year	Cattle			Calves		
	Number slaughtered	Average live weight	Average cost per 100 pounds	Number slaughtered	Average live weight	Average cost per 100 pounds		Number slaughtered	Average live weight	Average cost per 100 pounds	Number slaughtered	Average live weight	Average cost per 100 pounds
	Thousands	Lb.	Dollars	Thousands	Lb.	Dollars		Thousands	Lb.	Dollars	Thousands	Lb.	Dollars
1938.....	9,776	921	7.06	5,492	189	7.83	1943.....	11,727	955	12.22	5,209	207	12.28
1939.....	9,446	943	7.67	5,264	191	8.35	1944.....	13,960	924	11.08	7,770	218	11.59
1940.....	9,756	940	7.95	5,359	191	8.32	1945.....	14,538	948	12.41	7,020	214	12.40
1941.....	10,946	961	9.14	5,461	196	10.12	1946.....	11,413	943	14.66	5,842	199	14.39
1942.....	12,347	954	10.98	5,760	208	12.07	1947.....	15,524	928	18.88	7,953	209	19.59

<sup>1</sup>Includes slaughter in plants to which Federal inspection was extended by the Fulmer Act beginning 1942 and in plants operating under limited inspection.

Production and Marketing Administration. Data for 1931-37 in Agricultural Statistics, 1941, tables 476 and 477.

In recent years the carcass weight of cattle has averaged about 52 percent of the live weight and for calves about 55 percent of the live weight.

TABLE 436.—Cattle and calves: Average price per 100 pounds at Chicago, 1938-47

Year	Beef steers <sup>1</sup>					Cows <sup>2</sup>	Veal calves <sup>2</sup>
	Choice and prime	Good	Medium	Common	All grades	Good	Good and choice
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
1938.....	10.71	9.14	7.88	6.77	9.39	6.73	9.52
1939.....	10.48	9.81	8.77	7.51	9.75	7.10	10.07
1940.....	11.86	10.48	8.84	7.51	10.43	7.22	10.61
1941.....	12.23	11.36	10.02	8.64	11.33	8.44	12.18
1942.....	15.19	13.90	12.22	10.40	13.79	10.90	14.48
1943.....	16.23	15.34	14.01	11.66	15.30	12.98	15.18
1944.....	17.05	15.73	13.87	11.25	15.44	13.21	14.86
1945.....	17.30	16.00	14.12	11.73	16.18	14.01	15.12
1946.....	20.24	19.32	17.36	13.75	19.16	15.04	16.87
1947.....	30.64	26.22	21.76	18.04	25.83	18.48	24.98

<sup>1</sup>Weighted average prices of beef steers, sold out of first hands for slaughter, western steers not included.

<sup>2</sup>Based on the mean of daily range of quotations released by the livestock reporting service.

Production and Marketing Administration. Data for 1931-37 in Agricultural Statistics, 1941, table 469.

TABLE 437.—Cattle (steers): Average price per 100 pounds in Argentina and Canada, 1938-47

Item	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947
Argentine special, for chilling, at Liniers market, near Buenos Aires.....	Dol. 4.07	Dol. 3.79	Dol. 3.64	Dol. 3.86	Dol. 4.99	Dol. 5.01	Dol. 5.09	Dol. 5.12	Dol. (?)	Dol. (?)
Canadian at Winnipeg:										
Over 1,050 pounds, Choice.....	6.04	6.59	6.95	8.03	9.44	10.72	10.78	11.30	12.53	14.90
Up to 1,050 pounds, Good.....	5.22	5.98	6.33	7.48	8.82	10.09	10.17	10.44	11.47	13.00

<sup>1</sup> 9 months' average.<sup>2</sup> Not available.

Bureau of Agricultural Economics. Prices converted to United States dollars at current rate of exchange.

TABLE 438.—Steer beef, dressed: Wholesale price per 100 pounds, carcass weight, Chicago and New York, 1938-47 <sup>1</sup>

Year	Chicago			New York			Year	Chicago			New York		
	Choice <sup>2</sup>	Good <sup>2</sup>	Commercial <sup>2</sup>	Choice <sup>2</sup>	Good <sup>2</sup>	Commercial <sup>2</sup>		Choice <sup>2</sup>	Good <sup>2</sup>	Commercial <sup>2</sup>	Choice <sup>2</sup>	Good <sup>2</sup>	Commercial <sup>2</sup>
1938.....	15.83	14.39	13.12	16.59	15.20	13.57	1943.....	21.62	20.62	18.65	22.66	21.66	19.66
1939.....	16.94	15.46	14.13	17.47	16.18	14.51	1944.....	20.88	19.88	17.88	21.90	20.90	18.90
1940.....	17.67	16.11	14.34	18.75	17.05	15.02	1945.....	20.88	19.88	17.88	22.00	21.00	19.00
1941.....	18.52	17.18	15.72	19.40	18.21	16.16	1946.....	29.98	27.81	23.16	31.38	29.31	24.81
1942.....	21.30	19.98	18.28	22.59	21.44	19.47	1947.....	44.28	41.46	35.70	44.63	42.02	36.74

<sup>1</sup> These average prices are based on the mean of daily range of quotations.<sup>2</sup> Carcass weights 500-600 pounds.<sup>3</sup> Carcass weights 400-600 pounds. The grade "Commercial" was designated as "Medium" prior to August 1939.

Production and Marketing Administration. Data for 1931-37 in Agricultural Statistics, 1941, tables 471 and 472.

TABLE 439.—Hogs, including pigs: Number and value on farms, Jan. 1, and pig crop, United States, 1930-48

Year	Hogs on farms				Pig crop <sup>1</sup>					
	Number Jan. 1	Farm value		Sows farrowing		Pigs saved				
		Per head	Total	Spring	Fall	Spring	Fall	Total		
Thou- sands	Dollars	1,000 dollars	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands			
1930 <sup>2</sup>	32,794									
1930	55,705	13.45	749,481	8,278	4,073	49,332	24,803	74,135		
1931	54,835	11.35	622,239	8,969	4,797	53,984	29,192	83,176		
1932	59,301	6.13	363,315	8,810	5,179	51,031	31,494	82,525		
1933	62,127	4.21	261,730	9,122	5,207	53,460	30,740	84,200		
1934	58,621	4.09	239,541	6,825	2,936	39,698	17,068	56,766		
1935 <sup>3</sup>	57,813									
1935	39,066	6.31	246,580	5,467	3,857	32,884	23,260	56,144		
1936	42,975	12.71	546,180	6,954	3,957	41,422	24,303	65,725		
1937	43,083	11.89	512,072	6,177	3,845	38,525	23,994	62,519		
1938	44,525	11.26	501,462	6,795	4,517	43,289	28,566	71,855		
1939	50,012	11.18	559,274	8,692	5,352	53,238	33,714	86,952		
1940 <sup>1</sup>	54,037									
1940	61,165	7.78	475,866	8,247	4,763	49,584	30,282	79,866		
1941	54,353	8.34	453,081	7,760	5,535	49,368	35,584	84,952		
1942	60,607	15.60	944,907	9,684	6,840	61,093	43,810	104,903		
1943	73,881	22.50	1,662,381	12,174	7,565	74,223	47,584	121,807		
1944	83,741	17.50	1,466,666	9,246	4,882	55,754	30,905	86,659		
1945 <sup>3</sup>	46,755									
1945	59,331	20.60	1,223,629	8,298	5,426	52,189	34,593	86,782		
1946	61,301	23.90	1,468,123	8,109	4,713	52,392	30,548	82,940		
1947	56,921	36.00	2,049,066	8,652	4,908	52,502	31,352	84,154		
1948 <sup>1</sup>	55,038	42.80	2,355,609							

<sup>1</sup> Pigs raised to weaning age or living on June 1 or Dec. 1, respectively.<sup>2</sup> Italic figures are from the census. Census dates were Apr. 1, 1930; Jan. 1, 1935; April 1, 1940; Jan. 1, 1945. 1930 and 1940 figures exclude spring-born pigs.<sup>3</sup> Preliminary.

Bureau of Agricultural Economics. Data for hogs on farms, 1900-29, in Agricultural Statistics, 1942, table 508; for pig crop, 1924-29, table 509.

TABLE 440.—Hogs by classes: Number on farms, Jan. 1, 1930-48, and number on farms 6 months old and over on June 1, 1935-47

Year	Under 6 months	6 months old and over		Total	Hogs 6 months old and over, June 1	Year	Under 6 months	6 months old and over		Total	Hogs 6 months old and over, June 1
		Sows and gilts	Other					Sows and gilts	Other		
		Thou- sands	Thou- sands	Thou- sands	Thou- sands			Thou- sands	Thou- sands	Thou- sands	Thou- sands
1930	24,685	9,640	21,380	55,705		1940	30,044	9,413	21,708	61,165	27,168
1931	24,338	9,776	20,721	54,835		1941	26,328	8,565	19,460	54,353	24,647
1932	27,340	9,768	22,193	59,301		1942	31,090	10,699	18,818	60,607	28,841
1933	29,719	9,975	22,433	62,127		1943	38,401	13,334	22,146	73,881	36,257
1934	27,581	8,654	22,386	58,621		1944	42,337	10,825	30,579	83,741	34,500
1935	15,425	6,078	17,563	39,066	19,228	1945	27,212	9,223	22,896	59,331	25,566
1936	20,024	7,714	15,237	42,975	20,774	1946	30,035	9,411	21,855	61,301	22,959
1937	21,234	7,104	14,745	43,083	20,153	1947	26,900	9,616	20,505	56,921	24,220
1938	21,025	7,560	15,940	44,525	20,193	1948 <sup>1</sup>	27,283	8,690	19,065	55,038	
1939	25,111	9,460	15,441	50,012	24,314						

<sup>1</sup> Preliminary.

Bureau of Agricultural Economics.

TABLE 441.—Hogs, including pigs: Number on farms, farm value per head, and total value, by States, Jan. 1, average 1937-46, annual 1947 and 1948

State and division	Number			Farm value					
	Average 1937-46	1947	1948 <sup>1</sup>	Value per head			Total value		
				Average 1937-46	1947	1948 <sup>1</sup>	Average 1937-46	1947	1948 <sup>1</sup>
	Thou- sands	Thou- sands	Thou- sands	Dollars	Dollars	Dollars	1,000 dollars	1,000 dollars	1,000 dollars
Maine.....	52	41	41	13.80	30.30	30.30	728	1,242	1,242
New Hampshire.....	21	18	16	14.60	30.80	33.10	315	554	530
Vermont.....	30	22	22	12.90	30.00	30.00	381	660	660
Massachusetts.....	105	93	91	14.80	34.00	36.90	1,576	3,162	3,358
Rhode Island.....	9	10	10	16.50	37.50	39.10	158	375	391
Connecticut.....	33	36	34	15.20	34.00	35.30	523	1,224	1,200
New York.....	294	235	221	14.30	30.70	34.30	4,255	7,214	7,580
New Jersey.....	105	81	81	15.50	31.30	36.00	1,642	2,535	2,916
Pennsylvania.....	781	718	711	14.50	31.40	38.20	11,376	22,545	27,160
North Atlantic.....	1,430	1,254	1,227	14.50	31.50	36.70	20,953	39,511	45,037
Ohio.....	3,191	3,118	3,024	13.60	30.10	35.20	43,799	93,852	106,445
Indiana.....	3,985	4,115	3,992	14.70	33.40	41.60	59,975	137,441	166,067
Illinois.....	5,616	5,893	5,657	17.30	39.20	46.70	100,927 <sup>1</sup>	231,006	264,182
Michigan.....	985	854	752	14.40	32.70	39.10	14,435	27,926	29,403
Wisconsin.....	1,782	1,605	1,557	16.00	39.20	47.60	29,478	62,916	74,113
East North Central.....	15,560	15,585	14,982	15.50	35.50	42.70	248,614	553,341	640,210
Minnesota.....	3,685	3,347	3,113	18.80	46.20	55.70	73,100 <sup>1</sup>	154,631	173,394
Iowa.....	10,252	10,689	9,941	19.30	47.20	55.80	208,505	504,521	554,708
Missouri.....	3,778	3,605	3,533	13.50	33.40	38.30	52,977	120,407	135,314
North Dakota.....	571	484	392	18.80	45.60	57.80	12,113	22,070	22,658
South Dakota.....	1,422	1,757	1,599	19.40	49.90	61.40	31,190	87,674	98,179
Nebraska.....	2,510	2,503	2,403	18.30	42.70	55.10	50,189	106,878	132,405
Kansas.....	1,480	1,176	1,094	13.70	33.30	40.40	21,499	39,161	44,198
West North Central.....	23,698	23,561	22,075	17.90	43.90	52.60	449,573	1,035,342	1,160,856
North Central.....	39,258	39,146	37,057	17.00	40.60	48.60	698,187	1,588,483	1,801,066
Delaware.....	38	34	39	12.40	26.20	32.10	472	891	1,252
Maryland.....	244	237	254	11.30	25.00	30.90	2,801	5,925	7,849
Virginia.....	754	745	790	11.10	25.60	28.50	8,497	19,072	22,515
West Virginia.....	258	276	295	11.20	26.40	27.90	2,971	7,286	8,280
North Carolina.....	1,198	1,103	1,191	12.70	28.30	30.40	15,189	31,215	36,206
South Carolina.....	647	660	713	10.80	25.10	25.70	7,095	16,566	18,324
Georgia.....	1,683	1,688	1,654	9.77	21.50	24.30	16,610	36,292	40,193
Florida.....	628	630	640	7.88	16.20	23.40	5,084	10,206	14,976
South Atlantic.....	5,449	5,373	5,576	10.60	23.70	26.80	58,718	127,453	149,544
Kentucky.....	1,406	1,414	1,499	11.40	30.30	35.30	16,530	42,844	52,915
Tennessee.....	1,309	1,270	1,308	11.30	27.10	31.60	14,950	34,417	41,333
Alabama.....	1,191	1,159	1,113	10.30	22.20	25.70	12,323	25,730	28,604
Mississippi.....	1,106	1,069	1,016	9.69	20.30	24.60	10,768	21,701	24,994
Arkansas.....	1,205	1,037	985	9.18	22.20	27.10	11,025	23,021	26,694
Louisiana.....	882	739	724	8.64	17.50	21.70	7,574	12,932	15,711
Oklahoma.....	1,044	731	731	10.20	24.20	31.20	10,836	17,690	22,807
Texas.....	2,114	1,736	1,753	11.10	25.60	31.80	24,011	44,442	55,745
South Central.....	10,256	9,155	9,129	10.40	24.30	29.40	108,018	222,777	268,803
Montana.....	208	204	194	15.20	36.60	45.00	3,465	7,466	8,730
Idaho.....	398	200	206	14.40	36.40	45.20	5,616	7,280	9,311
Wyoming.....	87	70	80	15.00	33.30	39.80	1,344	2,331	3,184
Colorado.....	401	276	304	13.50	35.40	43.60	5,687	9,770	13,254
New Mexico.....	105	67	60	12.60	32.10	35.90	1,357	2,151	2,154
Arizona.....	48	30	32	14.90	30.60	38.30	722	918	1,226
Utah.....	115	77	79	12.70	26.80	40.20	1,482	2,064	3,176
Nevada.....	25	23	25	15.00	30.80	45.40	390	708	1,135
Washington.....	282	160	158	14.50	37.30	44.80	4,083	5,966	7,078
Oregon.....	276	161	164	13.60	33.30	39.20	3,696	5,361	6,429
California.....	861	725	747	15.10	37.00	47.50	13,029	26,825	35,482
Western.....	2,807	1,993	2,049	14.30	35.50	44.50	40,872	70,842	91,160
United States.....	59,200	56,921	55,038	15.10	36.00	42.80	926,746	2,049,066	2,355,609

<sup>1</sup> Preliminary.Bureau of Agricultural Economics.  
816989-49-23

TABLE 442.—*Pig crop, by States, 1946 and 1947*

State and division	Sows farrowing				Pigs saved					
	1946		1947 <sup>1</sup>		1946			1947 <sup>1</sup>		
	Spring	Fall	Spring	Fall	Spring	Fall	Total	Spring	Fall	Total
	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands
Maine.....	5	4	6	4	35	30	65	39	31	70
New Hampshire.....	2	2	2	1	13	11	24	14	9	23
Vermont.....	3	2	4	2	23	15	38	23	15	38
Massachusetts.....	13	8	13	8	46	120	166	63	47	112
Rhode Island.....	1	1	1	1	7	5	11	6	5	11
Connecticut.....	5	4	4	3	23	23	46	27	24	51
New York.....	27	20	32	21	200	144	344	227	153	380
New Jersey.....	12	8	14	8	83	51	134	92	55	147
Pennsylvania.....	76	71	81	70	517	483	1,000	526	483	1,009
North Atlantic.....	144	120	157	119	984	808	1,792	1,019	822	1,841
Ohio.....	400	335	428	342	2,760	2,325	5,085	2,731	2,302	5,033
Indiana.....	528	464	570	473	3,596	3,072	6,668	3,500	3,084	6,584
Illinois.....	834	498	909	527	5,438	3,231	8,669	5,436	3,373	8,809
Michigan.....	117	84	110	77	807	581	1,388	705	520	1,225
Wisconsin.....	290	144	296	147	1,958	985	2,943	1,906	979	2,885
East North Central.....	2,169	1,515	2,313	1,566	14,559	10,194	24,753	14,278	10,258	24,536
Minnesota.....	609	192	694	209	3,958	1,250	5,208	4,213	1,294	5,507
Iowa.....	1,708	622	1,962	659	11,633	4,111	15,744	12,027	4,132	16,159
Missouri.....	418	357	481	375	2,922	2,438	5,360	3,045	2,520	5,565
North Dakota.....	120	15	108	14	798	97	895	687	89	776
South Dakota.....	337	43	364	46	2,119	271	2,387	2,115	276	2,391
Nebraska.....	459	118	487	130	2,823	740	3,563	2,864	788	3,652
Kansas.....	165	99	170	101	1,074	667	1,741	1,080	661	1,741
West North Central.....	3,876	1,446	4,266	1,534	25,324	9,574	34,898	26,031	9,760	35,791
North Central.....	6,045	2,061	6,579	3,100	39,883	19,768	59,651	40,309	20,018	60,327
Delaware.....	3	4	3	4	19	23	42	20	27	47
Maryland.....	27	26	30	27	181	172	353	198	184	382
Virginia.....	82	84	84	85	525	580	1,105	538	561	1,099
West Virginia.....	23	25	24	26	163	178	341	163	185	348
North Carolina.....	126	100	134	109	781	640	1,421	831	698	1,529
South Carolina.....	80	81	93	86	464	486	950	530	507	1,037
Georgia.....	195	182	197	178	1,131	1,092	2,223	1,162	1,068	2,230
Florida.....	103	87	105	84	515	426	941	514	445	959
South Atlantic.....	639	589	670	599	3,779	3,597	7,376	3,956	3,675	7,631
Kentucky.....	134	120	155	140	884	816	1,700	976	938	1,914
Tennessee.....	129	120	133	134	813	832	1,645	838	898	1,736
Alabama.....	120	114	115	103	720	673	1,393	702	639	1,341
Mississippi.....	111	95	103	86	588	522	1,110	566	464	1,030
Arkansas.....	116	98	109	89	661	608	1,269	654	552	1,206
Louisiana.....	122	89	112	92	634	445	1,079	582	458	1,070
Oklahoma.....	99	81	90	85	634	510	1,144	558	561	1,119
Texas.....	196	160	186	179	1,196	976	2,172	1,116	1,128	2,244
South Central.....	1,027	883	1,003	908	6,130	5,382	11,512	5,992	5,668	11,660
Montana.....	29	17	25	16	194	107	301	160	107	267
Idaho.....	28	15	26	20	182	99	281	178	128	306
Wyoming.....	11	7	12	9	69	44	113	78	55	133
Colorado.....	40	21	37	26	248	124	372	226	169	395
New Mexico.....	11	5	9	6	65	29	94	50	37	87
Arizona.....	3	2	3	3	20	12	32	20	15	35
Utah.....	13	8	12	9	83	49	132	78	60	138
Nevada.....	3	2	3	2	17	10	27	19	11	30
Washington.....	24	14	21	15	168	101	269	136	110	246
Oregon.....	26	15	25	17	174	105	279	173	117	292
California.....	66	54	70	59	396	313	709	406	380	786
Western.....	254	160	243	182	1,616	993	2,609	1,526	1,169	2,695
	8,109	4,713	8,652	4,908	52,392	30,548	82,940	52,802	31,352	84,154

<sup>1</sup> Preliminary.

Bureau of Agricultural Economics.

TABLE 443.—Hogs: Number in specified countries, averages 1931-35 and 1936-40, annual 1943-47

Continent and country	Month of estimate <sup>1</sup>	Average		1943	1944	1945	1946	1947 <sup>2</sup>
		1931-35	1936-40					
<b>North America:</b>		<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
Canada.....	Dec. 1 <sup>1</sup>	<sup>3</sup> 3,906	4,078	7,751	9,473	7,636	5,853	5,972
El Salvador.....	July.....	355	559	417	503	.....	.....	283
Guatemala.....	do.....	102	213	290	240	.....	.....	.....
Honduras.....	do.....	<sup>3</sup> 384	235	.....	258	318	.....	.....
Mexico.....	June.....	<sup>4</sup> 3,698	<sup>4</sup> 4,965	.....	<sup>5</sup> 6,000	.....	.....	.....
Nicaragua.....	Jan. 1.....	<sup>4</sup> 400	<sup>2</sup> 250	.....	225	.....	.....	.....
United States.....	Jan. 1.....	54,790	48,352	73,881	83,741	59,331	61,301	56,921
Cuba.....	Dec. 31 <sup>1</sup>	794	<sup>9</sup> 904	853	.....	.....	<sup>1</sup> 1,620	.....
Estimated total.....	.....	66,200	61,300	.....	103,200	76,600	76,900	72,700
<b>Europe:</b>		<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
Austria.....	Dec. 1 <sup>1</sup>	<sup>4</sup> 2,823	<sup>2</sup> 2,849	1,772	1,872	1,697	<sup>1</sup> 1,030	<sup>1</sup> 1,490
Belgium.....	Jan. 1 <sup>1</sup>	<sup>11</sup> 1,268	1,005	<sup>5</sup> 526	<sup>4</sup> 485	<sup>4</sup> 635	<sup>1</sup> 735	<sup>4</sup> 776
Bulgaria <sup>9</sup> .....	Dec. 31 <sup>1</sup>	<sup>10</sup> 902	<sup>8</sup> 833	1,077	700	800	800	870
Czechoslovakia <sup>11</sup> .....	do.....	.....	<sup>3</sup> 3,174	2,933	3,256	3,097	2,362	2,940
Denmark.....	Jan.....	4,316	2,997	1,005	2,291	<sup>1</sup> 1,819	<sup>1</sup> 1,777	<sup>1</sup> 1,687
Eire.....	June.....	1,064	978	434	381	426	254	325
Finland.....	Mar. 1.....	<sup>13</sup> 460	<sup>13</sup> 485	263	364	229	479	457
France.....	Fall <sup>1</sup> .....	6,606	7,034	<sup>8</sup> 4,819	<sup>4</sup> 4,204	<sup>4</sup> 4,080	<sup>4</sup> 4,386	5,335
Germany <sup>14</sup> .....	Dec. 1 <sup>1</sup>	.....	<sup>18</sup> 721	11,889	13,029	.....	<sup>7</sup> 1,136	<sup>8</sup> 4,553
Greece.....	Dec. 31 <sup>1</sup>	464	532	.....	.....	300	330	400
Hungary.....	Spring.....	2,531	<sup>3</sup> 3,620	3,722	4,099	<sup>1</sup> 1,114	<sup>1</sup> 1,327	2,106
Italy.....	July.....	<sup>7</sup> 3,262	<sup>7</sup> 3,095	.....	.....	3,036	3,000	3,200
Luxembourg.....	Dec. 1 <sup>1</sup>	156	148	90	100	60	88	.....
Netherlands.....	May.....	<sup>2</sup> 2,079	1,493	545	<sup>5</sup> 560	769	1,040	855
Norway.....	June 20.....	400	393	180	225	200	257	275
Poland <sup>15</sup> .....	June 30.....	.....	<sup>4</sup> 9,794	.....	.....	.....	4,000	.....
Portugal.....	Dec. 31 <sup>1</sup>	<sup>10</sup> 1,206	<sup>10</sup> 1,206	.....	1,200	1,100	.....	.....
Rumania <sup>16</sup> .....	do.....	<sup>17</sup> 2,431	<sup>17</sup> 2,431	.....	.....	1,100	1,336	.....
Spain.....	do.....	<sup>5</sup> 5,097	<sup>4</sup> 4,944	4,974	.....	5,000	4,676	.....
Sweden.....	Summer.....	1,492	1,292	989	1,054	1,079	1,166	1,188
Switzerland.....	April.....	971	915	629	600	698	654	710
United Kingdom.....	June.....	3,739	4,380	1,829	1,867	2,152	1,959	1,628
Yugoslavia.....	Dec. 31 <sup>1</sup>	2,874	3,238	.....	.....	.....	.....	.....
Estimated total.....	.....	<sup>10</sup> 79,900	75,600	.....	51,900	48,100	42,900	48,600
U.S.S.R. <sup>18</sup> .....	Winter.....	.....	<sup>12</sup> 32,300	.....	.....	.....	10,400	8,600
<b>Asia:</b>		<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
British Malaya.....	.....	447	746	.....	.....	.....	.....	.....
Burma.....	Dec. 31 <sup>1</sup>	490	538	.....	553	.....	.....	.....
China <sup>19</sup> .....	May.....	<sup>76</sup> 70,000	63,000	.....	56,000	55,000	54,500	59,000
India.....	Dec. 31 <sup>1</sup>	.....	<sup>20</sup> 2,777	.....	.....	.....	.....	.....
Japan.....	do.....	776	958	391	310	.....	.....	88
Formosa.....	do.....	1,777	1,803	1,358	1,257	.....	1,086	.....
Korea.....	do.....	1,242	1,605	.....	.....	.....	.....	.....
Netherland Indies.....	do.....	1,260	1,131	.....	.....	.....	.....	.....
Philippine Islands.....	Jan. 1.....	.....	<sup>21</sup> 4,349	.....	.....	.....	.....	4,000
Estimated total.....	.....	92,300	82,800	.....	70,300	68,300	68,400	73,600
<b>South America:</b>		<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
Argentina.....	July.....	<sup>4</sup> 3,769	<sup>3</sup> 3,674	6,800	8,800	8,010	4,000	2,500
Brazil.....	.....	<sup>22</sup> 640	<sup>23</sup> 224	.....	.....	24,343	23,815	24,000
Chile.....	June.....	<sup>4</sup> 331	<sup>4</sup> 420	.....	452	.....	.....	.....
Colombia.....	Dec. 31 <sup>1</sup>	<sup>1</sup> 1,589	<sup>1</sup> 1,572	.....	.....	.....	2,500	.....
Ecuador.....	.....	<sup>2</sup> 200	<sup>3</sup> 350	836	.....	.....	600	.....
Peru.....	.....	<sup>8</sup> 800	<sup>8</sup> 800	863	.....	.....	650	752
Uruguay.....	April.....	<sup>4</sup> 308	<sup>5</sup> 373	.....	<sup>1</sup> 261	.....	.....	.....
Estimated total.....	.....	30,600	31,300	.....	39,200	38,000	33,800	32,600
<b>Africa:</b>		<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
Algeria.....	Mar. 1.....	70	58	154	135	95	.....	.....
Nyasaland.....	.....	70	65	55	50	48	54	.....
French Morocco <sup>25</sup> .....	Dec. 31 <sup>1</sup>	94	64	175	146	95	.....	.....
Madagascar <sup>25</sup> .....	do.....	478	578	561	554	449	421	396
Mozambique.....	do.....	87	70	51	52	61	55	.....
Northern Rhodesia.....	do.....	34	29	35	38	46	54	.....
Angola.....	do.....	318	355	227	230	256	.....	.....
Southern Rhodesia.....	Dec. 31 <sup>1</sup>	76	115	150	150	146	134	134
Tunisia.....	do.....	22	24	29	25	23	23	21
Union of South Africa.....	August.....	<sup>9</sup> 908	<sup>1</sup> 1,007	1,174	1,200	1,100	1,107	1,150
Estimated total.....	.....	2,900	3,300	.....	3,600	3,400	3,300	3,400

See footnotes at end of table.



TABLE 443.—Hogs: Number in specified countries, averages 1931-35 and 1936-40, annual 1943-47—Continued

Continent and country	Month of estimate <sup>1</sup>	Average		1943	1944	1945	1946	1947 <sup>2</sup>
		1931-35	1936-40					
		Thous- sands	Thous- sands					
Oceania:								
Australia.....	Mar. 1.....	<sup>1</sup> 1,121	<sup>1</sup> 1,242	1,563	1,747	1,631	1,426	1,273
New Zealand.....	Jan. 31.....	601	753	612	581	601	555	550
Estimated total.....		1,900	2,100		2,500	2,400	2,200	2,000
Estimated world total.....		287,000	288,700		278,900	245,800	237,900	241,400

<sup>1</sup> End of year estimates (October to December) included under following year for comparisons and totals. Thus for Canada the December 1942 estimate of 7,751,000 is shown under 1943. <sup>2</sup> Preliminary. <sup>3</sup> Average for 2 to 4 years only. <sup>4</sup> Census or estimate for single year. <sup>5</sup> Unofficial estimate. <sup>6</sup> Census July 1, 1946. <sup>7</sup> March. <sup>8</sup> Official statistics; may be an under-estimate of actual numbers. <sup>9</sup> Includes Southern Dobrudja, beginning 1943. Years 1944-46 adjusted to make comparable series. <sup>10</sup> Census December 1934. <sup>11</sup> Present territory, excludes Sub-Carpathian Russia. <sup>12</sup> Includes also number of hogs in parishes and boroughs, which totaled 27,000 head in 1947. <sup>13</sup> September. <sup>14</sup> Totals for 4 zones of occupation. <sup>15</sup> Present territory. <sup>16</sup> Present territory—excludes Southern Dobrudja. <sup>17</sup> Average for years 1930-39. <sup>18</sup> Not strictly comparable with later years, due to territorial changes. <sup>19</sup> Includes China Proper (22 provinces), Manchuria, Jehol, and Sinkiang (Turkestan). <sup>20</sup> Census 1940. <sup>21</sup> Census, Jan. 1, 1939. <sup>22</sup> Year 1934. <sup>23</sup> Number taxed only.

Office of Foreign Agricultural Relations. Prepared or estimated on the basis of official statistics of foreign governments, reports of the United States foreign service officers, and other information. Data relate to prewar boundaries, unless otherwise noted. Totals include estimates for countries for which official statistics are unavailable.

TABLE 444.—Hogs: Production, disposition, cash receipts, and gross income, United States, 1930-47

Year	Mar- ket- ings <sup>1</sup>	Shipped in for feeding and breed- ing <sup>2</sup>	Farm slaugh- ter	Quantity pro- duced (live weight) <sup>3</sup>	Value of produc- tion <sup>4</sup>	Cash re- ceipts from sales of hogs, pork, and lard <sup>5</sup>	Gross in- come <sup>6</sup>	Value of hogs slaugh- tered for home con- sump- tion	Cost of hogs shipped in for feeding and breed- ing <sup>7</sup>	Annual average price per 100 pounds received by farmers
	1,000 head	1,000 head	1,000 head	1,000 pounds	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	" "
1930.....	53,796	477	13,540	15,175,728	1,340,302	1,135,500	1,368,718	233,218	5,500	8.84
1931.....	55,972	1,366	14,338	16,541,384	966,570	774,228	949,769	175,541	10,944	8.73
1932.....	55,844	477	15,580	16,367,644	561,989	444,592	557,181	112,589	2,623	3.34
1933 <sup>8</sup> .....	65,661	1,454	15,244	16,566,123	602,150	523,866	631,490	107,624	7,741	3.53
1934.....	55,750	1,237	15,110	12,384,760	520,147	520,339	645,692	125,353	8,044	4.14
1935.....	32,749	481	13,348	10,672,796	906,973	681,804	889,995	208,191	5,293	8.65
1936.....	44,809	639	14,295	12,975,986	1,196,314	991,086	1,234,161	243,075	6,903	9.37
1937.....	40,665	367	13,333	12,506,271	1,176,449	924,965	1,160,907	235,942	4,007	9.50
1938.....	46,089	516	13,325	14,372,173	1,105,438	870,267	1,065,179	194,972	4,724	7.74
1939.....	52,906	637	13,980	17,078,849	1,066,050	809,615	980,706	171,091	4,892	6.23
1940.....	64,262	607	14,153	17,044,404	919,927	835,618	984,165	148,547	4,233	5.39
1941.....	67,695	741	12,789	17,489,485	1,576,855	1,302,404	1,518,199	215,795	7,621	9.09
1942.....	67,423	600	12,533	21,105,133	2,734,255	2,198,015	2,507,430	309,415	8,642	13.00
1943.....	83,187	771	14,016	25,374,715	3,466,520	2,929,215	3,302,012	372,797	11,645	13.70
1944.....	86,331	658	13,551	20,582,873	2,674,178	2,801,256	3,133,891	332,635	9,397	13.10
1945.....	60,959	464	13,631	19,095,526	2,672,024	2,297,202	2,673,956	376,754	7,144	14.00
1946.....	64,370	464	13,850	19,041,127	3,321,243	2,961,234	3,449,346	488,112	8,794	17.50
1947 <sup>9</sup> .....	63,501	497	12,783	18,654,437	4,474,190	4,004,012	4,633,905	629,893	12,815	24.10

<sup>1</sup> Excludes interfarm sales.

<sup>2</sup> Includes hogs shipped in from other States and from central markets but excludes intrastate shipments.

<sup>3</sup> Adjustments were made for hogs shipped in and changes in inventory.

<sup>4</sup> No adjustments made for cost of hogs shipped in and changes in inventory values. Gross income is "Cash income from sales of hogs, pork, and lard" plus "Value of hogs slaughtered for home consumption."

<sup>5</sup> Includes Government purchases.

<sup>6</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1924-29 in Agricultural Statistics, 1942, table 514.

TABLE 445.—Hogs: Production, disposition, cash receipts, and gross income, by States, 1946

State and division	Marketings <sup>(1)</sup>	Shipped in for feeding and breeding <sup>2</sup>	Farm slaughter	Quantity produced (live weight) <sup>3</sup>	Value of production <sup>4</sup>	Cash receipts from sales of hogs, pork, and lard <sup>4</sup>	Gross income <sup>4</sup>	Value of hogs slaughtered for home consumption	Cost of hogs shipped in for feeding and breeding <sup>2</sup>
	1,000 head	1,000 head	1,000 head	1,000 pounds	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Maine.....	25		30	14,660	2,331	1,787	2,495	708	-----
New Hampshire.....	8		13	5,165	832	613	933	320	-----
Vermont.....	13		21	8,430	1,298	925	1,410	485	-----
Massachusetts.....	77	4	30	25,610	4,098	3,811	4,500	749	70
Rhode Island.....	8		3	2,700	432	388	463	75	-----
Connecticut.....	34	1	17	12,285	1,990	1,608	2,115	447	18
New York.....	143	4	205	79,530	13,202	9,240	14,770	5,530	72
New Jersey.....	130	30	30	31,962	5,529	5,693	6,441	748	677
Pennsylvania.....	488	1	420	224,424	40,845	29,687	42,854	13,167	20
North Atlantic.....	926	40	769	404,766	70,557	53,812	76,041	22,229	857
Ohio.....	4,207	8	450	1,118,450	205,795	189,049	207,778	18,729	167
Indiana.....	5,661	16	415	1,521,890	280,028	261,861	279,042	17,181	334
Illinois.....	7,613	60	500	2,000,076	366,694	357,082	377,508	20,426	1,274
Rhode Island.....	1,086	18	255	317,480	57,464	53,150	60,904	7,754	353
Wisconsin.....	2,428	4	410	675,495	121,587	115,781	128,445	12,664	78
East North Central.....	20,995	106	2,030	5,693,391	1,031,570	976,923	1,053,677	76,754	2,206
Minnesota.....	5,079	16	430	1,324,223	229,091	230,610	246,344	15,734	301
Iowa.....	14,574	45	540	3,936,197	688,834	648,938	707,382	22,444	855
Missouri.....	4,344	34	630	1,190,466	209,522	188,601	215,700	27,099	584
North Dakota.....	730	3	210	210,658	35,812	32,491	40,061	7,570	50
South Dakota.....	2,233	8	132	598,325	100,519	100,711	105,978	5,267	132
Nebraska.....	3,642	9	230	931,849	155,619	163,110	172,498	9,388	164
Kansas.....	1,666	21	236	437,826	73,555	70,912	80,255	9,343	384
West North Central.....	32,288	136	2,422	8,629,544	1,492,952	1,471,373	1,568,218	96,845	2,470
North Central.....	53,283	242	4,452	14,322,935	2,524,522	2,448,296	2,621,895	173,599	4,676
Delaware.....	17	1	21	8,615	1,473	910	1,570	660	19
Maryland.....	203		128	76,285	13,665	9,600	14,366	4,766	-----
Virginia.....	372	7	580	240,155	42,267	22,179	43,820	21,641	134
West Virginia.....	88		210	77,756	13,063	5,968	15,447	7,479	-----
North Carolina.....	279	10	880	294,418	49,168	20,527	49,919	29,392	164
South Carolina.....	419	6	385	190,152	32,706	18,169	33,069	14,900	101
Georgia.....	678	6	930	357,425	61,835	29,987	60,074	30,087	102
Florida.....	472	1	255	119,405	18,866	15,363	19,312	3,949	16
South Atlantic.....	2,528	31	3,389	1,364,211	233,033	122,703	235,577	112,874	536
Kentucky.....	932	8	605	385,211	67,027	41,987	67,926	25,939	136
Tennessee.....	743	10	630	359,802	62,606	35,584	61,981	26,397	208
Alabama.....	485	2	650	257,019	42,408	22,314	43,282	20,968	43
Mississippi.....	217	2	675	300,160	30,424	11,402	30,588	19,186	40
Arkansas.....	566	2	445	233,568	36,670	22,658	36,613	13,955	34
Louisiana.....	535	3	385	161,083	24,485	17,946	26,139	8,193	75
Oklahoma.....	883	32	380	271,779	45,931	37,074	51,767	14,693	530
Texas.....	1,162	26	900	473,266	76,669	50,109	82,331	32,222	437
South Central.....	5,523	85	4,670	2,341,888	386,220	239,074	400,627	161,533	1,503
Montana.....	224	4	86	72,440	12,025	10,187	12,928	2,741	72
Idaho.....	245		56	86,727	11,344	10,478	12,501	2,023	-----
Wyoming.....	79	2	31	26,060	4,065	3,275	4,247	972	34
Colorado.....	288	1	80	92,904	15,329	12,771	15,688	2,917	18
New Mexico.....	70		40	21,407	3,532	2,991	4,258	1,267	-----
Arizona.....	26		11	7,386	1,315	1,287	1,579	292	-----
Utah.....	101	4	34	30,459	5,092	4,535	5,489	951	73
Nevada.....	18		9	5,508	975	838	1,089	251	-----
Washington.....	215	24	92	68,050	12,521	11,415	14,056	2,641	478
Oregon.....	242	11	66	67,821	12,343	12,233	13,891	1,658	217
California.....	602	20	65	148,535	28,370	27,339	29,480	2,141	330
Western.....	2,110	66	570	607,327	106,911	97,349	115,206	17,857	1,222
United States.....	64,370	464	13,850	19,041,127	3,321,243	2,961,234	3,449,346	488,112	8,794

Footnotes 1, 2, 3, and 4 are the same as those in table 444.

Bureau of Agricultural Economics.

TABLE 446.—Hogs: Production, disposition, cash receipts, and gross income, by States, 1947 (preliminary)

State and division	Mar- ketings ( <sup>1</sup> )	Shipped in for feeding and breed- ing <sup>2</sup>	Farm slaugh- ter	Quan- tity produced (live weight) <sup>3</sup>	Value of pro- duction <sup>4</sup>	Cash receipts from sales of hogs, pork, and lard <sup>4</sup>	Gross income <sup>4</sup>	Value of hogs slaugh- tered for home consump- tion	Cost of hogs shipped in for feeding and breed- ing <sup>2</sup>
	1,000 head	1,000 head	1,000 head	1,000 pounds	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Maine.....	24		31	14,800	3,300	2,612	3,600	988	
New Hampshire.....	9		11	5,120	1,132	902	1,288	386	
Vermont.....	10		22	8,250	1,798	1,217	1,980	763	
Massachusetts.....	63	1	28	22,700	5,062	4,356	5,368	1,012	24
Rhode Island.....	7		3	2,585	564	485	583	98	
Connecticut.....	31		16	10,820	2,402	2,040	2,594	584	
New York.....	141	1	215	81,300	18,943	13,140	21,117	7,977	25
New Jersey.....	128	32	33	30,135	7,413	7,669	8,838	1,169	1,002
Pennsylvania.....	505	2	400	213,823	53,456	40,233	56,808	16,575	53
North Atlantic.....	918	36	759	389,533	94,070	72,654	102,176	29,522	1,104
Ohio.....	4,141	9	425	1,033,348	259,370	241,992	265,658	23,666	251
Indiana.....	5,611	19	370	1,453,074	361,815	349,208	369,937	20,729	527
Illinois.....	7,489	54	480	2,010,238	488,488	479,505	506,274	26,769	1,553
Michigan.....	969	17	215	258,485	62,553	59,096	67,473	8,377	437
Wisconsin.....	2,258	5	360	647,960	156,806	144,423	160,453	16,030	128
East North Central.....	20,468	104	1,850	5,403,105	1,329,032	1,274,224	1,369,795	95,571	2,876
Minnesota.....	4,882	21	380	1,344,428	322,663	315,668	335,778	20,110	536
Iowa.....	14,708	61	470	3,967,717	944,317	957,321	983,888	26,567	1,543
Missouri.....	4,447	50	560	1,221,973	298,161	272,363	305,115	32,752	1,166
North Dakota.....	612	4	180	180,185	41,983	38,467	46,582	8,115	89
South Dakota.....	2,205	10	114	597,077	140,313	141,949	148,438	6,489	225
Nebraska.....	3,182	10	200	913,579	215,605	210,220	222,103	11,883	251
Kansas.....	1,482	24	190	400,330	99,682	93,639	105,202	11,563	634
West North Central.....	31,518	180	2,094	8,625,289	2,062,724	2,029,627	2,147,106	117,479	4,444
North Central.....	51,986	284	3,944	14,028,394	3,391,756	3,303,851	3,516,901	213,050	7,320
Delaware.....	15		20	8,645	1,962	1,077	1,895	818	
Maryland.....	203		113	68,555	16,889	11,407	16,856	5,449	
Virginia.....	364	2	550	231,364	55,990	27,858	56,608	28,750	51
West Virginia.....	88		220	77,039	18,181	7,687	18,524	10,837	
North Carolina.....	324	3	880	299,210	68,220	27,812	68,943	41,131	66
South Carolina.....	393	1	415	189,799	43,274	22,276	42,714	20,438	22
Georgia.....	855	1	910	381,105	86,511	49,056	89,462	39,506	22
Florida.....	445	1	250	111,742	23,354	18,530	24,017	5,487	20
South Atlantic.....	2,787	8	3,338	1,367,559	314,381	166,603	319,019	152,416	181
Kentucky.....	1,010	11	570	383,315	93,912	58,657	94,295	35,638	257
Tennessee.....	907	14	560	355,967	85,788	54,491	87,570	33,079	394
Alabama.....	622	1	580	280,495	56,006	32,562	58,531	25,969	28
Mississippi.....	337	2	620	205,985	43,669	19,890	45,889	25,999	54
Arkansas.....	656	3	405	231,505	51,626	35,832	53,872	18,040	71
Louisiana.....	546	1	340	161,460	35,422	25,206	35,059	9,853	33
Oklahoma.....	667	38	835	224,255	56,690	39,395	68,721	19,336	879
Texas.....	1,155	33	830	470,887	110,658	71,553	115,448	43,935	784
South Central.....	5,900	103	4,240	2,303,889	531,771	337,586	549,435	211,849	2,500
Montana.....	178	2	70	60,365	14,669	11,832	15,234	3,402	52
Idaho.....	214	1	50	62,705	15,802	13,291	16,076	2,785	27
Wyoming.....	85	1	29	27,723	6,709	5,255	6,607	1,352	26
Colorado.....	261	1	70	87,127	21,433	17,514	21,319	3,805	26
New Mexico.....	49		36	17,975	4,366	3,222	4,908	1,686	
Arizona.....	20		9	6,909	1,713	1,371	1,712	341	
Utah.....	95	2	26	27,903	6,473	5,572	6,628	1,056	49
Nevada.....	18		7	5,832	1,382	1,077	1,351	274	
Washington.....	171	25	84	55,964	14,612	12,779	16,199	3,420	690
Oregon.....	220	17	61	64,318	16,787	15,600	17,758	2,149	469
California.....	599	17	60	148,241	38,246	35,796	38,582	2,786	371
Western.....	1,910	66	502	565,082	142,212	123,318	146,374	23,056	1,710
United States.....	63,601	497	12,783	18,654,437	4,474,190	4,004,012	4,633,905	629,893	12,815

Footnotes 1, 2, 3, and 4 are the same as those in table 444.

Bureau of Agricultural Economics.

TABLE 447.—Hogs: Receipts at public stockyards and direct receipts at interior markets, 1938-47

TOTAL RECEIPTS<sup>1</sup>

Year	Receipts at public stockyards												Direct receipts in Iowa and southern Minnesota <sup>2</sup>
	Chi- cago	Den- ver	Fort Worth	Kan- sas City	Oma- ha	St. Louis Natl. Stock Yds.	South St. Joseph	South St. Paul	Sioux City	Total, 9 mar- kets <sup>3</sup>	All others report- ing	Total, 67 mar- kets re- porting <sup>4</sup>	
	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands
1938	4,188	290	279	376	1,214	2,412	675	2,017	1,037	12,488	12,313	24,801	7,207
1939	4,264	342	355	519	1,629	2,626	822	2,205	1,203	13,966	14,008	27,974	8,128
1940	5,385	568	447	720	2,062	3,265	1,131	2,960	1,710	18,248	16,308	34,556	10,135
1941	4,338	488	520	631	1,700	2,896	886	2,559	1,399	15,713	14,946	30,659	9,705
1942	5,338	685	697	711	2,218	2,982	1,057	3,114	1,629	18,431	15,984	34,415	11,108
1943	5,792	922	1,057	933	3,021	3,335	1,487	3,705	2,228	22,483	18,594	41,077	11,528
1944	6,018	1,051	1,092	1,506	3,495	3,456	1,810	3,374	2,486	24,288	20,223	44,511	12,134
1945	3,516	649	490	504	1,803	1,878	916	1,847	1,355	12,958	12,384	25,342	8,936
1946	3,541	829	573	675	2,142	1,904	1,203	2,127	1,750	14,745	13,720	28,465	8,914
1947	3,318	835	681	671	2,400	2,561	1,288	2,310	1,783	15,848	14,105	29,953	12,424

## TRUCK RECEIPTS

Year	1,752	188	265	353	825	1,779	586	1,598	848	8,193	8,120	16,313	-----
1938	1,752	188	265	353	825	1,779	586	1,598	848	8,193	8,120	16,313	-----
1939	1,962	253	336	494	1,128	2,215	726	1,662	1,060	9,857	9,238	19,095	-----
1940	2,660	330	364	688	1,413	2,757	967	2,311	1,422	12,921	10,632	23,553	-----
1941	2,423	312	432	614	1,023	2,555	761	2,001	1,161	11,282	10,325	21,607	-----
1942	2,629	494	559	648	1,283	2,647	860	2,317	1,319	12,757	11,120	23,877	-----
1943	2,563	702	675	724	1,993	2,793	1,091	2,680	1,836	15,057	12,317	27,374	-----
1944	2,623	712	703	848	2,615	2,774	1,384	2,550	2,213	16,422	13,249	29,671	-----
1945	1,378	290	237	323	1,121	1,393	733	1,413	1,121	8,009	7,271	15,280	-----
1946	1,548	301	298	394	1,471	1,276	877	1,766	1,580	9,451	7,793	17,244	-----
1947	1,713	416	496	478	1,800	2,143	1,002	1,901	1,605	11,554	9,374	20,928	-----

<sup>1</sup> Total rail and truck receipts.<sup>2</sup> Rounded total of complete figures.<sup>3</sup> Covers receipts at 16 to 20 concentration yards and 10 or 11 packing plants in interior Iowa and southern Minnesota prior to 1947. Since January 1947, represents receipts at 14 packing plants and 30 concentration yards. Segregated truck receipts are not available.

Production and Marketing Administration. Compiled from reports received from stockyard companies. Data for 1931-37 in Agricultural Statistics, 1941, table 491.

TABLE 448.—Hogs: Annual slaughter, United States, 1930-47

Year	Feder- ally in- spected	Not federally inspected		Total	Year	Feder- ally in- spected <sup>1</sup>	Not federally inspected		Total
		Other whole- sale, and retail	Farm				Other whole- sale, and retail	Farm	
	Thou- sands	Thou- sands	Thou- sands	Thou- sands		Thou- sands	Thou- sands	Thou- sands	Thou- sands
1930	44,266	9,466	13,540	67,272	1939	41,368	11,213	13,980	66,561
1931	44,772	10,123	14,338	69,233	1940	50,398	13,067	14,155	77,610
1932	45,245	10,690	15,880	71,425	1941	46,320	12,088	12,789	71,367
1933	<sup>2</sup> 53,637	10,800	15,244	<sup>2</sup> 79,681	1942	53,897	12,117	12,533	78,547
1934	43,876	9,774	15,110	68,760	1943	63,431	17,779	14,016	95,226
1935	26,057	6,606	13,348	46,011	1944	69,017	<sup>3</sup> 15,500	13,551	98,068
1936	36,055	8,380	14,295	58,730	1945	40,960	<sup>3</sup> 17,300	13,631	71,891
1937	31,642	8,740	13,333	53,715	1946	44,394	<sup>3</sup> 18,000	13,850	76,244
1938	36,186	9,416	13,325	58,927	1947 <sup>4</sup>	49,116	<sup>3</sup> 12,813	12,783	74,712

<sup>1</sup> Includes slaughter in war-duration or "Fulmer" plants, 1942-46, representing an increase in the number of federally inspected slaughter plants.<sup>2</sup> Includes the 6,410,866 pigs and sows purchased for Government account under the emergency hog production control program during Aug. 18-Oct. 6, 1933.<sup>3</sup> Data obtained from reports of slaughterers.<sup>4</sup> Preliminary.

Bureau of Agricultural Economics.

TABLE 449.—Hogs: Slaughter under Federal inspection, by stations, 1938-47<sup>1</sup>

Year	Chicago <sup>1</sup>	Denver	Kansas City	New York <sup>2</sup>	Omaha <sup>3</sup>	St. Louis <sup>4</sup>	Sioux City	So. St. Paul <sup>5</sup>	All other stations	Total
	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands
1938-----	4,342	214	1,262	2,214	1,187	2,579	896	2,032	21,460	36,186
1939-----	4,551	246	1,695	2,341	1,599	2,872	1,110	2,326	24,628	41,368
1940-----	5,692	356	2,121	2,453	2,072	3,544	1,624	3,175	29,361	50,398
1941-----	4,896	343	1,900	2,055	1,828	3,350	1,370	2,779	27,968	46,520
1942-----	5,580	530	2,399	2,287	2,523	3,945	1,549	3,256	31,827	53,897
1943-----	6,017	761	2,948	2,576	3,154	4,220	2,010	3,856	37,889	63,431
1944-----	6,488	875	3,254	2,802	3,372	4,800	2,190	3,675	41,561	69,017
1945-----	3,760	492	1,558	1,855	1,783	2,570	1,203	1,707	26,032	40,960
1946-----	3,897	505	1,640	1,964	2,040	2,813	1,393	1,945	28,197	44,394
1947-----	4,050	544	2,126	1,685	2,391	3,322	1,524	2,430	31,044	49,116

<sup>1</sup> Includes slaughter in plants to which Federal inspection was extended by the Fulmer Act, beginning 1942.

<sup>2</sup> Includes Elburn, Ill.

<sup>3</sup> Includes Jersey City and Newark, N. J.

<sup>4</sup> Includes Lincoln, Nebr.

<sup>5</sup> Includes St. Louis National Stock Yards, East St. Louis, Ill., and St. Louis, Mo.

<sup>6</sup> Includes Newport and St. Paul, Minn.

Production and Marketing Administration. Compiled from inspection records of Bureau of Animal Industry. Data for 1931-37 in Agricultural Statistics, 1941, table 500.

TABLE 450.—Hogs: Number slaughtered under Federal inspection, average live weight, and average cost to slaughterers per 100 pounds, by seasons, 1938-47<sup>1</sup>

Year beginning October—	Number slaughtered			Average live weight			Average cost per 100 pounds, live weight		
	October-April	May-September	October-September	October-April	May-September	October-September	October-April	May-September	October-September
	Thousands	Thousands	Thousands	Pounds	Pounds	Pounds	Dollars	Dollars	Dollars
1938-----	24,664	15,056	39,720	229	243	234	7.45	6.38	7.03
1939-----	30,443	17,209	47,651	231	239	234	5.53	5.76	5.62
1940-----	31,919	16,081	48,000	231	250	238	6.95	10.16	8.08
1941-----	32,538	19,825	52,363	236	254	243	11.56	14.13	12.58
1942-----	34,909	25,073	59,981	249	266	256	14.51	13.91	14.25
1943-----	48,143	25,199	73,342	244	247	245	13.41	13.21	13.34
1944-----	30,250	13,637	43,888	244	285	257	14.30	14.52	14.38
1945-----	29,319	13,609	42,928	257	265	260	14.63	17.16	15.45
1946-----	30,445	16,619	47,064	250	270	257	23.95	23.41	23.75
1947-----	31,619			244			24.73		

<sup>1</sup> Includes slaughter in plants to which Federal inspection was extended by the Fulmer Act, beginning 1942.

Production and Marketing Administration. Data for 1931-37 in Agricultural Statistics, 1941, table 498.

In recent years the packer-style carcass weight of hogs has averaged about 68 percent of the live weight, and in 1947 pork, excluding lard, averaged 57 percent of live weight.

TABLE 451.—Hogs: Number slaughtered, 1946 and 1947, and average live weight and total live weight, 1947, by States<sup>1</sup>

State	Number slaughtered		Average live weight 1947 <sup>2</sup>	Total live weight 1947 <sup>3</sup>
	1946	1947		
	Head	Head	Pounds	1,000 pounds
New England.....	927, 100	948, 500	263	249, 046
New York.....	1, 790, 000	1, 609, 000	194	292, 779
New Jersey.....	1, 388, 000	1, 084, 000	215	233, 510
Pennsylvania.....	3, 216, 000	2, 676, 000	227	608, 411
Ohio.....	3, 607, 000	3, 338, 000	233	777, 809
Indiana.....	2, 811, 000	3, 083, 000	246	757, 446
Illinois.....	6, 967, 000	7, 102, 000	255	1, 811, 998
Michigan.....	2, 105, 000	1, 493, 000	246	367, 445
Wisconsin.....	2, 706, 000	2, 474, 000	257	635, 494
Minnesota.....	4, 304, 000	4, 030, 000	267	1, 318, 348
Iowa.....	7, 490, 000	8, 907, 000	271	2, 417, 724
Missouri.....	3, 265, 000	3, 252, 000	248	805, 095
North Dakota.....	301, 000	260, 800	264	68, 805
South Dakota.....	1, 619, 000	1, 806, 000	276	498, 473
Nebraska.....	2, 287, 000	2, 528, 000	279	706, 098
Kansas.....	2, 723, 000	3, 127, 000	255	796, 190
Delaware and Maryland <sup>4</sup> .....	981, 000	961, 600	220	211, 513
Virginia.....	678, 000	767, 000	210	161, 049
West Virginia.....	198, 800	116, 900	227	26, 537
North Carolina.....	486, 000	373, 000	221	82, 320
South Carolina.....	418, 000	383, 000	214	81, 798
Georgia.....	1, 372, 000	1, 423, 000	189	268, 448
Florida.....	567, 000	529, 000	165	87, 466
Kentucky.....	578, 000	534, 000	227	121, 436
Tennessee.....	853, 000	869, 000	223	194, 032
Alabama.....	561, 000	510, 000	205	104, 361
Mississippi.....	241, 000	207, 700	220	45, 784
Arkansas.....	366, 000	275, 000	223	61, 247
Louisiana.....	393, 000	233, 500	193	44, 995
Oklahoma.....	914, 000	770, 000	227	174, 807
Texas.....	1, 824, 000	1, 505, 000	232	348, 755
Montana.....	155, 000	138, 300	251	34, 718
Idaho.....	131, 000	95, 500	233	22, 266
Wyoming.....	39, 700	18, 600	252	4, 673
Colorado.....	711, 000	665, 000	262	174, 060
New Mexico.....	44, 700	37, 100	232	8, 606
Arizona.....	41, 900	62, 900	231	14, 536
Utah.....	179, 000	175, 400	240	42, 059
Nevada.....	89, 200	33, 200	239	7, 939
Washington.....	657, 000	605, 000	238	144, 158
Oregon.....	519, 000	365, 000	243	88, 626
California.....	1, 880, 000	1, 757, 000	244	428, 130
United States.....	62, 394, 000	61, 929, 000	248	15, 328, 704

<sup>1</sup> Includes slaughter under Federal inspection and other wholesale and retail slaughter; excludes farm slaughter.<sup>2</sup> Comparable data for 1946 not available by States.<sup>3</sup> Includes the District of Columbia.

Bureau of Agricultural Economics.

TABLE 452.—Hogs: Barrows and gilts, and sows, average weight and cost of packer and shipper hogs purchased at Chicago, and at 7 markets combined, crop years 1942-48

Period	Chicago							Seven markets combined <sup>1</sup>						
	Average live weight			Average cost per 100 pounds (live weight)			Sows as percentage of total	Average live weight			Average cost per 100 pounds (live weight)			Sows as percentage of total
	Barrows and gilts	Sows	All purchases	Barrows and gilts	Sows	All purchases		Barrows and gilts	Sows	All purchases	Barrows and gilts	Sows	All purchases	
October-April:	Lb.	Lb.	Lb.	Dol.	Dol.	Dol.	Pct.	Lb.	Lb.	Lb.	Dol.	Dol.	Dol.	Pct.
1942-43.....	243	434	258	14.77	14.52	14.74	8	239	415	253	14.54	14.20	14.50	8
1943-44.....	241	427	259	13.74	12.85	13.59	10	232	393	245	13.48	12.62	13.37	8
1944-45.....	238	400	248	14.53	13.94	14.47	6	237	390	247	14.35	13.73	14.28	7
1945-46.....	253	434	264	14.80	14.02	14.73	6	252	420	262	14.60	13.84	14.52	6
1946-47.....	245	432	258	24.16	21.38	23.84	7	245	417	255	24.23	21.54	23.97	6
1947-48.....	250	422	261	24.33	23.09	24.20	7	241	402	251	24.41	23.47	24.32	6
May-September:														
1943.....	254	391	287	14.24	13.63	14.04	24	243	366	273	14.08	13.42	13.87	24
1944.....	239	395	267	13.59	12.62	13.33	18	230	354	252	13.36	12.44	13.13	18
1945.....	276	415	295	14.75	14.00	14.60	14	272	391	292	14.57	13.79	14.40	16
1946.....	244	382	279	17.37	18.33	17.70	25	246	359	273	16.84	18.13	17.25	24
1947.....	259	387	298	24.52	21.18	23.21	30	252	373	285	24.39	21.30	23.28	28
October-September:														
1942-43.....	247	405	270	14.58	13.94	14.44	15	241	381	261	14.36	13.68	14.22	15
1943-44.....	238	396	258	14.07	12.94	13.86	12	233	363	250	13.88	12.80	13.68	12
1944-45.....	248	407	261	14.59	13.97	14.51	8	246	390	259	14.41	13.76	14.32	9
1945-46.....	251	399	269	15.49	16.79	15.73	12	250	380	266	15.20	16.50	15.42	12
1946-47.....	250	399	273	24.27	21.24	23.58	16	248	383	268	24.29	21.36	23.67	15

<sup>1</sup> Chicago, St. Louis National Stock Yards, Kansas City, Omaha, Sioux City, South St. Joseph, and South St. Paul.

Production and Marketing Administration.

TABLE 453.—Pork and lard: Wholesale price per 100 pounds, Chicago, 1938-47 <sup>1</sup>

Year	Loins, fresh, 10- to 12-lb. average	Hams, smoked, skinned, No. 1 16- to 18-lb. average	Bacon, smoked, dry-cured, No. 1, 8- to 10-lb. average	Lard, refined, prime steam, in 1-lb. cartons	Year	Loins, fresh, 10- to 12-lb. average	Hams, smoked, skinned, No. 1 16- to 18-lb. average	Bacon, smoked, dry-cured, No. 1, 8- to 10-lb. average	Lard, refined, prime steam, in 1-lb. cartons
	Dollars	Dollars	Dollars	Dollars		Dollars	Dollars	Dollars	Dollars
1938.....	18.32	22.52	24.39	9.47	1943.....	26.08	30.12	26.39	15.55
1939.....	16.41	20.70	18.76	7.66	1944.....	24.75	28.25	25.00	15.55
1940.....	14.75	18.06	16.20	6.39	1945.....	24.75	28.25	25.00	15.55
1941.....	20.06	24.88	23.47	10.06	1946.....	33.65	37.30	34.80	23.60
1942.....	26.63	31.38	27.84	14.48	1947.....	50.90	57.20	60.33	25.60

<sup>1</sup> Prices calculated from mean of daily range of quotations.

Production and Marketing Administration.



TABLE 454.—*Lard, including rendered pork fat: Production, trade, stocks Dec. 31, and disappearance, United States, 1930-47*

Year	Production			Imports for consumption	Exports	Shipments to United States Territories	Total net exports and shipments	Stocks, Dec. 31	Domestic disappearance		
	Federally inspected	Other	Total						Use in shortening, margarine, and nonfood products	Use as lard	Lard, per capita
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	Pounds
1930.....	1,521,000	706,000	2,227,000	2	656,018	18,222	674,238	61,434	124,905	1,559,000	12.6
1931.....	1,554,000	753,000	2,307,000	3	578,296	22,547	600,843	51,224	18,960	1,687,000	13.5
1932.....	1,573,000	807,000	2,380,000	8	552,154	23,735	575,881	41,088	16,391	1,799,000	14.3
1933.....	1,679,000	796,000	2,475,000	1	584,238	27,523	611,760	132,510	12,675	1,759,000	13.9
1934.....	1,341,000	750,000	2,091,000	( <sup>2</sup> )	434,892	22,840	457,732	118,107	10,423	1,637,000	12.9
1935.....	662,000	614,000	1,276,000	37	97,359	17,727	115,086	52,718	5,526	1,221,000	9.5
1936.....	992,000	687,000	1,679,000	3	112,168	24,865	137,033	145,809	6,848	1,442,000	11.2
1937.....	759,000	672,000	1,431,000	247	136,778	25,968	162,746	53,693	2,926	1,358,000	10.5
1938.....	1,034,000	694,000	1,728,000	2	204,603	29,459	234,062	107,421	4,407	1,436,000	11.0
1939.....	1,272,000	765,000	2,037,000	1	277,272	33,649	310,920	162,105	8,936	1,662,000	12.6
1940.....	1,527,000	761,000	2,288,000	( <sup>2</sup> )	201,314	30,799	232,113	294,069	22,934	1,901,000	14.3
1941.....	1,586,000	702,000	2,288,000	1	392,870	30,637	423,506	198,529	59,546	1,840,000	13.7
1942.....	1,724,000	676,000	2,401,000	388	651,589	32,800	684,001	100,911	71,005	1,735,000	12.8
1943.....	2,080,000	785,000	2,865,000	757	737,075	38,913	775,988	200,203	140,594	1,762,000	12.8
1944.....	2,367,000	687,000	3,054,000	206	858,432	35,590	893,816	377,853	240,663	1,732,000	12.5
1945.....	2,311,000	755,000	3,066,000	243	537,773	24,735	562,508	91,588	112,094	1,646,000	11.7
1946.....	2,344,000	794,000	3,138,000	7	430,682	39,220	469,902	109,892	24,391	1,649,000	11.6
1947.....	1,722,000	705,000	2,427,000	2	352,656	33,866	386,520	166,575	111,251	1,843,000	12.7

<sup>1</sup> Use in margarine and shortening only; use in nonfood products not reported but probably was negligible.

<sup>2</sup> Less than 500 pounds.

<sup>3</sup> Includes production in war-duration or "Fulmer" plants.

<sup>4</sup> Includes U. S. Department of Agriculture shipments to United States Territories.

<sup>5</sup> Adjusted for changes in stocks held outside reported positions by U. S. Department of Agriculture, and in 1944-46 for lard procured by the Army for relief abroad, and in 1947 for lard exported in food packages through CARE and other nongovernmental relief agencies.

<sup>6</sup> Preliminary.

Bureau of Agricultural Economics. Compiled as follows: Production, 1930-47, and stocks, 1930-40, from U. S. Department of Agriculture. Stocks, 1941-47, Bureau of the Census. Trade figures, from Foreign Commerce and Navigation of the United States, and records of the Bureau of the Census. Use in shortening, margarine, and nonfood products, Bureau of the Census and Bureau of Internal Revenue. Disappearance computed from data on production, trade, and stocks. Per capita disappearance based on use as lard and July 1 population, including military personnel. Totals and per capita estimates computed from unrounded numbers.

TABLE 455.—*Lard futures: Volume of trading, annual average of month-end open contracts, and highest and lowest prices per pound, Chicago Board of Trade, 1938-47*

Year	Volume of trading	Average open contracts	Price		Year	Volume of trading	Average open contracts	Price	
			Highest	Lowest				Highest	Lowest
1938.....	Mil. lb.	Mil. lb.	Cents	Cents	1943.....	Mil. lb.	Mil. lb.	Cents	Cents
1939.....	990.4	68.3	9.85	6.50	1944.....	0.5	( <sup>1</sup> )	13.80	13.15
1940.....	1,020.9	63.5	8.70	4.80	1945.....	.1	( <sup>1</sup> )	13.60	13.60
1941.....	1,604.0	139.5	7.275	4.05	1946.....	.6	0.2	13.80	13.40
1942.....	3,314.3	136.7	13.125	4.375	1947.....	8.6	.8	25.00	14.05
	240.4	14.8	13.80	10.00		1,318.7	41.0	39.75	16.35

<sup>1</sup> Less than 50,000 pounds.

Commodity Exchange Authority. Trading and open-contract figures compiled from daily reports from exchange clearing members beginning March 17, 1941; prior figures and prices compiled from records of the Chicago Board of Trade.

TABLE 456.—*Sheep and lambs: Number and value on farms, United States, Jan. 1, 1930-48*

Year	All sheep			Stock sheep			Feeder sheep		
	Number	Farm value		Number	Farm value		Number	Farm value	
		Per head	Total		Per head	Total		Per head	Total
Thousands	Dollars	1,000 dollars	Thousands	Dollars	1,000 dollars	Thousands	Dollars	1,000 dollars	
1930 <sup>1</sup>				41,780					
1930	51,565	8.93	460,404	45,577	9.00	410,290	5,988	8.37	50,114
1931	53,233	5.35	284,724	47,720	5.40	257,742	5,513	4.89	26,982
1932	53,902	3.40	183,314	47,682	3.44	164,246	6,220	3.05	18,989
1933	53,054	2.91	154,157	47,303	2.91	137,671	5,751	2.86	16,440
1934	53,503	3.78	202,437	48,244	3.77	181,718	5,259	3.93	20,667
1935 <sup>1</sup>				48,358					
1935	51,808	4.31	223,162	46,139	4.33	199,705	5,669	4.17	23,619
1936	51,136	6.38	326,435	45,435	6.35	288,326	5,701	6.68	38,109
1937	50,848	6.00	305,262	45,251	6.02	272,399	5,567	5.87	32,863
1938	51,063	6.11	311,933	44,972	6.13	275,500	6,091	5.97	36,373
1939	51,348	5.74	294,809	45,463	5.74	261,054	5,885	5.74	33,755
1940 <sup>1</sup>				40,129					
1940	52,107	6.31	328,742	46,266	6.35	293,718	5,841	6.00	35,024
1941	53,920	6.73	362,804	47,441	6.77	321,304	6,479	6.41	41,500
1942	56,213	8.60	483,589	49,346	8.66	427,198	6,867	8.21	56,391
1943	55,150	9.66	533,023	48,196	9.68	466,416	6,954	9.58	66,607
1944	50,782	8.71	442,199	44,270	8.68	384,173	6,512	8.91	58,026
1945 <sup>1</sup>				41,224					
1945	46,520	8.57	398,730	39,609	8.45	334,753	6,911	9.26	63,977
1946	42,436	9.69	411,265	35,599	9.57	340,841	6,837	10.30	70,424
1947	37,818	12.60	477,296	32,125	12.20	393,440	5,693	14.70	83,856
1948 <sup>1</sup>	35,332	15.30	542,321	30,544	15.00	457,510	4,788	17.70	84,511

<sup>1</sup> Italic figures are from the census. Census dates were Apr. 1, 1930; Jan. 1, 1935; Apr. 1, 1940; Jan. 1, 1945. Figures for 1930 and 1940 exclude spring-born lambs.

<sup>2</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1900-29 in Agricultural Statistics, 1942, table 539.

TABLE 457.—*Sheep and lambs, by classes: Number on farms, Jan. 1, 1930-48*

Year	All sheep	On feed	Stock sheep						
			Total	Lambs		1 year and over			
				Ewes	Wethers and rams	Ewes	Rams	Wethers	
Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands		
1930	51,565	5,988	45,577	7,274	1,258	34,614	1,233	1,198	
1931	53,233	5,513	47,720	7,205	1,371	36,514	1,288	1,342	
1932	53,902	6,220	47,682	6,863	1,349	37,095	1,315	1,060	
1933	53,054	5,751	47,303	6,635	1,218	37,012	1,318	1,120	
1934	53,503	5,259	48,244	7,455	1,360	37,042	1,322	1,065	
1935	51,808	5,669	46,139	7,357	1,196	35,285	1,315	986	
1936	51,136	5,701	45,435	6,475	1,127	35,555	1,305	973	
1937	50,848	6,597	45,251	6,774	1,697	34,574	1,265	941	
1938	51,063	6,091	44,972	6,559	1,493	34,710	1,281	929	
1939	51,348	5,885	45,463	6,910	1,474	34,833	1,294	952	
1940	52,107	5,841	46,266	6,931	1,398	35,707	1,325	905	
1941	53,920	6,479	47,441	7,345	1,422	36,419	1,379	876	
1942	56,213	6,867	49,346	7,864	1,778	37,361	1,446	897	
1943	55,150	6,954	48,196	6,928	1,643	37,303	1,434	888	
1944	50,782	6,512	44,270	6,142	1,951	33,991	1,345	841	
1945	46,520	6,911	39,609	4,782	1,613	31,280	1,264	770	
1946	42,436	6,837	35,599	4,773	1,533	27,680	1,100	513	
1947	37,818	5,693	32,125	4,243	1,418	25,048	1,004	412	
1948 <sup>1</sup>	35,332	4,788	30,544	4,233	1,169	23,826	934	382	

<sup>1</sup> Preliminary.

Bureau of Agricultural Economics.

TABLE 458.—Stock sheep and lambs: Number on farms, farm value per head, and total value, by States, Jan. 1, average 1937-46, annual 1947 and 1948

State and division	Number			Farm value					
	Average 1937-46	1947	1948 <sup>1</sup>	Value per head			Total value		
				Average 1937-46	1947	1948 <sup>1</sup>	Average 1937-46	1947	1948 <sup>1</sup>
	Thou- sands	Thou- sands	Thou- sands	Dollars	Dollars	Dollars	1,000 dollars	1,000 dollars	1,000 dollars
Maine.....	42	28	23	6.94	10.10	12.40	283	285	285
New Hampshire.....	10	8	8	7.88	12.50	13.70	77	100	110
Vermont.....	21	12	12	7.61	12.20	13.40	151	146	161
Massachusetts.....	9	8	9	8.23	12.70	13.70	67	102	123
Rhode Island.....	2	2	2	7.90	12.00	13.00	16	24	26
Connecticut.....	6	6	6	8.03	12.00	13.30	46	72	80
New York.....	299	184	171	8.52	13.60	14.80	2,507	2,502	2,548
New Jersey.....	7	8	8	8.50	15.60	15.60	63	125	125
Pennsylvania.....	365	240	230	6.53	11.70	12.90	2,352	2,808	2,967
North Atlantic.....	760	496	469	7.44	12.40	13.70	5,561	6,162	6,425
Ohio.....	1,797	1,132	1,053	7.08	12.40	13.60	12,485	14,037	14,321
Indiana.....	635	430	387	8.72	15.60	16.10	5,461	6,708	6,231
Illinois.....	601	458	449	8.85	14.70	17.60	5,298	6,733	7,902
Michigan.....	780	415	403	8.11	13.60	14.90	6,171	5,644	6,005
Wisconsin.....	370	257	236	8.12	15.00	17.10	2,964	3,855	4,036
East North Central.....	4,184	2,692	2,528	7.87	13.70	15.20	32,378	36,977	38,495
Minnesota.....	1,062	728	692	7.96	13.70	15.90	8,476	9,974	11,003
Iowa.....	1,170	853	785	8.73	15.40	16.50	10,155	13,136	12,952
Missouri.....	1,401	1,132	1,075	7.99	13.50	15.60	11,193	15,282	16,770
North Dakota.....	847	519	452	7.76	13.80	15.20	6,615	7,162	6,870
South Dakota.....	1,554	1,027	936	7.82	13.90	15.90	12,520	14,275	14,882
Nebraska.....	328	168	134	7.74	12.80	14.30	2,559	2,278	1,916
Kansas.....	515	349	342	7.41	11.90	14.10	3,905	4,153	4,822
West North Central.....	6,876	4,786	4,416	7.99	13.80	15.70	55,423	66,260	69,215
North Central.....	11,060	7,478	6,944	7.95	13.80	15.50	87,802	103,237	107,710
Delaware.....	2	2	2	7.90	13.50	15.50	16	27	31
Maryland.....	61	46	47	8.62	13.30	15.30	508	612	719
Virginia.....	364	305	290	8.61	15.40	17.60	3,089	4,697	5,104
West Virginia.....	446	321	305	6.98	13.40	15.50	3,017	4,301	4,728
North Carolina.....	53	39	35	7.44	14.20	16.00	386	554	560
South Carolina.....	7	4	4	4.77	9.50	9.50	30	38	38
Georgia.....	21	15	14	4.46	8.60	8.80	89	129	123
Florida.....	24	14	14	4.14	7.00	7.70	94	98	108
South Atlantic.....	978	746	711	7.59	14.00	16.00	7,228	10,456	11,411
Kentucky.....	995	787	803	9.15	16.10	18.10	8,971	12,671	14,534
Tennessee.....	375	323	307	8.10	13.20	15.40	3,018	4,264	4,728
Alabama.....	38	27	25	4.66	8.40	10.60	169	227	265
Mississippi.....	77	92	101	3.66	5.90	6.90	286	543	697
Arkansas.....	95	61	61	6.18	9.70	10.60	582	592	647
Louisiana.....	260	192	169	3.70	5.60	5.60	955	1,075	946
Oklahoma.....	263	144	130	6.62	10.80	13.70	1,713	1,555	1,781
Texas.....	9,580	8,126	7,557	5.82	9.00	11.90	56,013	73,134	80,928
South Central.....	11,683	9,752	9,153	6.12	9.65	12.40	71,707	94,061	113,526
Montana.....	3,186	2,068	1,923	8.20	13.00	16.60	16,373	26,884	31,922
Idaho.....	1,702	1,097	1,108	9.11	15.50	19.80	15,039	17,004	21,938
Wyoming.....	3,280	2,344	2,344	8.21	12.50	16.40	26,786	29,300	38,442
Colorado.....	1,712	1,260	1,222	8.80	13.70	16.70	14,966	17,262	20,407
New Mexico.....	2,028	1,445	1,406	7.04	10.90	13.30	14,101	15,750	18,700
Arizona.....	704	459	426	6.78	11.30	13.50	4,634	5,187	5,751
Utah.....	2,011	1,469	1,469	8.76	13.40	17.00	17,298	19,685	24,973
Nevada.....	695	477	487	8.70	13.50	17.80	5,900	6,440	8,669
Washington.....	553	364	331	8.79	14.60	16.20	4,761	5,314	5,362
Oregon.....	1,496	758	735	8.09	13.10	16.50	11,707	9,930	12,128
California.....	2,795	1,912	1,816	8.68	14.00	16.60	23,849	26,768	30,146
Western.....	20,162	13,653	13,267	8.32	13.10	16.50	165,443	179,524	218,438
United States.....	44,641	32,125	30,544	7.60	12.20	15.00	337,742	393,440	457,510

<sup>1</sup> Preliminary.

Bureau of Agricultural Economics.

TABLE 459.—*Sheep and lambs on feed: Number on feed, by States, Jan. 1, average 1937-46, annual 1943-48, and total farm value, by States, Jan. 1, average 1937-46, annual 1947 and 1948*

State and division	Number <sup>1</sup>							Total farm value		
	Average 1937-46	1943	1944	1945	1946	1947	1948 <sup>2</sup>	Average 1937-46	1947	1948 <sup>2</sup>
	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	1,000 dollars	1,000 dollars	1,000 dollars
New York.....	45	49	44	36	37	35	23	346	525	391
North Atlantic.....	45	49	44	36	37	35	23	346	525	391
Ohio.....	361	364	375	315	330	297	267	2,496	4,158	4,272
Indiana.....	191	169	170	136	197	129	135	1,590	2,193	2,565
Illinois.....	258	212	218	244	271	210	231	2,133	3,360	4,389
Michigan.....	230	220	175	160	135	95	88	1,811	1,425	1,584
Wisconsin.....	87	84	93	95	100	90	60	762	1,530	1,140
East North Central.....	1,127	1,049	1,031	980	1,033	821	781	8,792	12,666	13,950
Minnesota.....	300	295	330	310	340	231	165	2,481	3,465	2,970
Iowa.....	558	580	696	703	647	600	420	4,676	9,600	7,560
Missouri.....	184	225	240	250	202	200	150	1,390	2,800	2,550
North Dakota.....	126	150	162	165	168	100	80	1,106	1,600	1,520
South Dakota.....	298	366	415	440	410	299	209	2,382	4,784	3,553
Nebraska.....	691	870	890	801	768	538	633	5,719	8,608	12,027
Kansas.....	522	924	370	900	815	1,004	382	4,339	15,060	6,876
West North Central.....	2,679	3,410	3,063	3,569	3,350	2,972	2,039	22,093	45,917	37,056
North Central.....	3,806	4,459	4,124	4,519	4,383	3,793	2,820	30,885	58,583	51,006
Oklahoma.....	69	65	40	60	60	70	25	452	910	400
Texas.....	203	290	140	200	175	215	75	979	1,742	825
South Central.....	272	355	180	260	235	285	100	1,431	2,652	1,225
Montana.....	318	370	400	428	405	280	294	2,388	3,640	4,908
Idaho.....	200	164	150	140	150	135	125	1,525	2,025	2,900
Wyoming.....	254	200	250	240	242	175	165	1,788	2,275	2,640
Colorado.....	956	860	825	840	805	620	675	7,344	7,800	12,150
New Mexico.....	104	147	137	88	62	26	44	604	273	528
Arizona.....	14	8	6	10	40	32	55	80	352	715
Utah.....	172	125	135	140	160	115	147	1,198	1,610	2,793
Nevada.....	18	21	20	16	18	18	21	135	252	399
Washington.....	45	50	42	44	50	46	43	360	690	774
Oregon.....	54	38	35	38	40	28	20	380	350	340
California.....	140	108	164	142	220	205	256	1,030	2,829	4,352
Western.....	2,275	2,091	2,164	2,096	2,182	1,580	1,845	16,832	22,096	32,189
United States.....	6,398	6,954	6,512	6,911	6,837	5,693	4,788	49,494	83,856	84,811

<sup>1</sup> Includes sheep and lambs in commercial feed lots on feed for market.<sup>2</sup> Preliminary.

Bureau of Agricultural Economics.

TABLE 460.—*Sheep: Number in specified countries, averages 1931-35 and 1936-40, annual 1943-47*

Continent and country	Month of estimate <sup>1</sup>	Average		1943	1944	1945	1946	1947 <sup>2</sup>
		1931-35	1936-40					
		Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands
<b>North America:</b>								
Canada.....	Dec. 1 <sup>1</sup>	<sup>3</sup> 2,762	<sup>2</sup> 2,651	2,483	2,733	2,822	2,456	1,782
Guatemala.....	July.....	174	273	438	308	330	300	---
Mexico.....	June.....	<sup>4</sup> 3,674	<sup>3</sup> 4,809	---	---	---	---	5,230
United States.....	Jan. 1.....	53,100	51,404	55,150	50,782	46,520	42,436	37,818
Estimated total.....		60,200	59,600	---	59,400	55,200	50,800	45,600
<b>Europe:</b>								
Albania.....	Dec. 31 <sup>1</sup>	1,503	<sup>3</sup> 1,576	---	1,700	1,600	1,700	---
Austria.....	Jan. 1.....	<sup>4</sup> 933	<sup>2</sup> 316	402	444	460	391	399
Belgium.....	Jan. 1.....	14,187	14,187	216	213	199	177	144
Bulgaria <sup>1</sup> .....	Dec. 31 <sup>1</sup>	8,188	8,746	8,863	8,600	7,100	7,800	8,784
Czechoslovakia <sup>1</sup> .....	Jan. 1.....	---	<sup>4</sup> 492	490	519	560	510	490
Denmark.....	July 15.....	<sup>4</sup> 179	<sup>4</sup> 147	186	203	213	178	83
Eire.....	June.....	3,283	3,076	2,560	2,663	2,581	2,423	2,094
Finland.....	Mar. 1.....	<sup>4</sup> 973	<sup>3</sup> 1,007	789	965	1,015	1,099	982
France.....	Fall <sup>1</sup> .....	9,812	9,648	<sup>3</sup> 7,171	<sup>4</sup> 6,715	<sup>3</sup> 6,300	<sup>4</sup> 6,632	7,259
Germany <sup>10</sup> .....	Dec. 1 <sup>1</sup>	---	<sup>3</sup> 3,729	4,105	4,349	---	<sup>3</sup> 5,018	2,988
Greece.....	Dec. 31 <sup>1</sup>	7,227	<sup>3</sup> 8,304	---	---	5,306	5,600	6,000
Hungary.....	Spring.....	1,204	1,490	1,155	1,199	328	370	488
Iceland.....	do.....	696	624	618	539	632	545	550
Italy.....	July.....	<sup>4</sup> 10,269	<sup>5</sup> 9,453	8,450	6,960	7,100	7,900	8,600
Netherlands.....	May.....	<sup>4</sup> 661	636	451	460	489	558	460
Norway.....	June.....	1,725	<sup>3</sup> 1,752	1,690	1,800	1,780	1,707	1,698
Poland <sup>11</sup> .....	June 30.....	---	<sup>4</sup> 941	---	---	710	759	981
Portugal.....	Dec. 31 <sup>1</sup>	<sup>12</sup> 3,274	<sup>13</sup> 3,948	3,800	3,700	3,500	3,900	4,000
Rumania <sup>14</sup> .....	do.....	<sup>15</sup> 9,736	<sup>16</sup> 9,736	---	---	---	6,799	7,100
Spain.....	do.....	<sup>17</sup> 19,948	<sup>18</sup> 20,000	23,489	24,310	22,000	20,183	19,500
Sweden.....	Summer.....	542	398	520	558	516	482	420
Switzerland.....	April.....	<sup>4</sup> 185	<sup>3</sup> 177	204	209	183	195	182
United Kingdom.....	June.....	26,047	26,112	20,383	20,107	20,150	20,358	16,713
Yugoslavia.....	Dec. 31 <sup>1</sup>	8,471	9,796	---	---	---	---	---
Estimated total.....		<sup>19</sup> 123,900	123,400	---	108,200	99,700	100,300	100,700
<b>U. S. S. R. <sup>11</sup></b> .....	Jan. 1.....	---	<sup>4</sup> 66,000	---	---	---	61,100	60,800
<b>Asia:</b>								
Cyprus <sup>17</sup> .....	March.....	290	300	265	303	331	315	---
Iran.....	Mar. 21.....	14,696	14,497	13,720	13,730	13,020	12,950	13,190
Iraq.....	January.....	<sup>3</sup> 6,645	<sup>3</sup> 7,090	6,125	6,000	7,250	8,000	---
Palestine <sup>17</sup> .....	Spring.....	218	<sup>4</sup> 209	244	---	---	---	---
Syria.....	Dec. 31 <sup>1</sup>	---	<sup>3</sup> 2,060	2,092	2,216	2,777	3,091	3,260
Trans-Jordan.....	do.....	220	216	243	273	296	---	---
Turkey <sup>17</sup> .....	Dec. 31 <sup>1</sup>	11,195	16,080	17,283	16,125	17,266	18,062	17,874
British Malaya <sup>18</sup> .....	do.....	228	339	---	---	---	---	---
China <sup>16</sup> .....	May.....	<sup>30</sup> 30,000	26,000	---	21,000	21,000	20,000	22,000
India.....	Dec. 31 <sup>1</sup>	43,347	43,258	---	---	---	48,000	50,000
Netherlands Indies.....	do.....	<sup>4</sup> 1,804	<sup>4</sup> 1,337	---	---	---	---	---
Estimated total.....		140,800	141,300	---	137,500	138,600	142,500	147,300
<b>South America:</b>								
Argentina.....	July.....	<sup>30</sup> 5,566	<sup>3</sup> 44,900	---	---	56,182	53,000	54,500
Bolivia.....	Dec. 31 <sup>1</sup>	<sup>5</sup> 5,126	<sup>4</sup> 2,608	3,959	---	---	4,014	4,289
Brazil.....	September.....	<sup>31</sup> 11,673	<sup>3</sup> 11,438	10,650	11,000	13,283	15,542	17,000
Chile.....	June.....	<sup>4</sup> 6,083	5,855	---	6,040	6,000	5,900	5,700
Colombia.....	Dec. 31 <sup>1</sup>	<sup>4</sup> 853	<sup>3</sup> 916	---	---	---	1,800	---
Ecuador.....	do.....	<sup>30</sup> 1,500	<sup>3</sup> 159	1,430	---	---	1,158	---
Paraguay.....	Dec. 31 <sup>1</sup>	<sup>4</sup> 191	---	---	170	---	---	---
Peru.....	do.....	<sup>4</sup> 12,000	<sup>4</sup> 14,900	---	---	14,007	---	---
Uruguay.....	April.....	<sup>3</sup> 17,982	<sup>4</sup> 17,931	---	<sup>1</sup> 20,289	---	19,567	20,500
Estimated total.....		96,700	100,900	---	115,000	117,200	116,900	121,800

See footnotes at end of table.

TABLE 460.—*Sheep: Number in specified countries, averages 1931-35 and 1936-40, annual 1943-47—Continued*

Continent and country	Month of estimate <sup>1</sup>	Average		1943	1944	1945	1946	1947 <sup>2</sup>
		1931-35	1936-40					
		Thou-	Thou-	Thou-	Thou-	Thou-	Thou-	Thou-
		sands	sands	sands	sands	sands	sands	sands
Africa:								
Algeria <sup>17</sup>		5,312	6,270	5,529	5,832	5,376	2,808	2,910
Anglo-Egyptian Sudan		2,310	<sup>3</sup> 2,500					4,800
Kenya		<sup>3</sup> 3,240	<sup>3</sup> 3,274			3,075		
Tanganyika	Dec. 31 <sup>1</sup>	2,212	1,780	1,096	2,208	2,019	2,159	
Basutoland		1,884	1,443			1,545		
British Somaliland		2,500	<sup>3</sup> 2,900					
Egypt	June	<sup>3</sup> 1,353	<sup>3</sup> 1,771	1,424	1,400	1,385	1,385	1,400
French Morocco <sup>17</sup>	Dec. 31 <sup>1</sup>	7,764	10,315	12,870	10,860	10,617	8,620	6,031
French West Africa and Togo		8,367	<sup>3</sup> 8,052	8,240	8,160	8,570		
Madagascar <sup>17</sup>	Dec. 31 <sup>1</sup>	194	193	220	229	174	161	156
Southern Rhodesia	do.	350	310	286	320	334	330	325
South West Africa	do.	1,156	<sup>3</sup> 2,972	3,534				
Spanish Morocco <sup>17</sup>		<sup>3</sup> 553	481	618	699	603	443	
Tunisia	Dec. 31 <sup>1</sup>	2,967	3,026	3,667	3,220	3,328	2,974	2,783
Union of South Africa	August	44,054	39,599	37,888			30,801	30,500
Estimated total		98,600	99,300		97,100	94,900	87,900	84,900
Oceania:								
Australia	Mar. 31	<sup>1</sup> 111,417	<sup>1</sup> 112,571	124,615	123,174	105,371	96,396	95,723
New Zealand	Apr. 30	28,793	31,352	33,155	33,200	33,975	33,000	32,500
Estimated total		140,200	144,000		156,400	139,400	129,400	128,200
Estimated world total		706,400	734,500		732,600	705,000	688,900	689,400

<sup>1</sup> End of year estimates (October to December) included under following year for comparisons and totals. Thus, for Canada the December 1942 estimate of 2,483,000 is shown under 1943.

<sup>2</sup> Preliminary.

<sup>3</sup> Average for 2 to 4 years only.

<sup>4</sup> Census or estimate for single year.

<sup>5</sup> March.

<sup>6</sup> Includes Southern Dobrudja, beginning 1943. Years 1944-46 adjusted to make comparable series.

<sup>7</sup> Present territory,—excludes Sub-Carpathian Russia.

<sup>8</sup> September.

<sup>9</sup> Official statistics; may be an underestimate of actual numbers.

<sup>10</sup> Totals for 4 zones of occupation.

<sup>11</sup> Present territory.

<sup>12</sup> Census, Dec. 31, 1934.

<sup>13</sup> Census, Dec. 31, 1940.

<sup>14</sup> Present territory,—excludes Southern Dobrudja.

<sup>15</sup> Average for years 1930-39.

<sup>16</sup> Not strictly comparable with later years, due to territorial changes.

<sup>17</sup> Data include only number taxed.

<sup>18</sup> Data include goats.

<sup>19</sup> Includes China Proper (22 provinces), Manchuria, Jehol, and Sinkiang (Turkestan).

<sup>20</sup> 1929.

Office of Foreign Agricultural Relations. Prepared or estimated on the basis of official statistics of foreign governments, reports of United States foreign service officers, and other information. Data relate to prewar boundaries, unless otherwise noted. Totals include estimates for countries for which official statistics are unavailable.

## SHEEP AND LAMBS

367

TABLE 461.—*Sheep and lambs: Production, disposition, cash receipts, and gross income, United States, 1930-47*

Year	Lamb crop <sup>1</sup>	Marketings <sup>2</sup>		Shipped in <sup>3</sup>		Farm slaughter	
		Sheep	Lambs	Sheep for feeding and breeding	Lambs for feeding	Sheep	Lambs
	1,000 head	1,000 head	1,000 head	1,000 head	1,000 head	1,000 head	1,000 head
1930	29,467	3,212	24,144	925	5,886	222	252
1931	31,557	4,356	26,862	837	7,546	290	301
1932	29,986	2,943	25,017	517	5,438	338	386
1933	29,768	2,825	25,178	771	6,184	352	414
1934 <sup>4</sup>	30,433	7,011	25,079	887	6,956	354	436
1935	27,813	4,560	23,796	1,018	6,452	342	338
1936	29,762	4,627	24,206	666	6,037	305	332
1937	29,170	4,579	24,245	742	6,564	295	303
1938	30,420	4,565	25,767	862	6,606	285	315
1939	29,913	4,415	25,459	1,107	6,839	292	305
1940	31,082	4,384	25,846	1,060	7,186	272	299
1941	32,610	4,231	26,510	935	7,440	292	290
1942	32,312	6,064	28,598	828	8,020	291	287
1943	29,924	7,818	27,505	639	7,624	289	287
1944	28,642	7,362	25,349	576	6,844	279	283
1945	27,042	7,257	24,986	591	7,005	274	297
1946	24,540	6,496	24,172	730	6,808	276	304
1947 <sup>5</sup>	22,128	4,598	21,208	656	6,092	257	302

Year	Quantity produced (live weight) <sup>4</sup>	Value of production	Cash receipts from sale of sheep, lambs, mutton, and lamb <sup>5</sup>	Gross income <sup>6</sup>	Value of sheep and lambs slaughtered for home consumption	Cost of sheep and lambs shipped in for feeding and breeding <sup>7</sup>	Annual average price per 100 pounds received by farmers	
							Sheep	Lambs
	1,000 pounds	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	Dollars	Dollars
1930	1,965,337	134,141	161,522	163,441	1,919	32,774	4.74	7.76
1931	2,051,980	102,094	130,124	131,904	1,780	28,360	3.11	5.64
1932	1,829,383	74,666	93,037	94,641	1,604	19,042	2.24	4.47
1933	1,860,370	86,379	104,984	106,752	1,768	27,438	2.38	5.04
1934 <sup>8</sup>	1,911,079	99,324	131,691	133,805	2,114	29,968	2.85	5.90
1935	1,834,576	115,850	152,216	154,520	2,304	42,170	3.75	7.28
1936	1,851,581	133,034	165,950	168,244	2,294	33,630	3.77	8.05
1937	1,931,998	150,197	185,881	188,323	2,442	44,447	4.52	8.88
1938	2,037,588	127,161	157,451	159,453	2,002	37,502	3.58	7.05
1939	2,028,694	138,414	171,917	174,062	2,145	43,610	3.90	7.78
1940	2,100,928	149,343	179,997	182,069	2,072	47,120	3.95	8.10
1941	2,251,390	192,102	226,028	228,609	2,581	58,783	5.06	9.58
1942	2,313,319	235,146	305,932	309,003	3,071	72,708	5.80	11.70
1943	2,107,891	242,294	342,397	345,769	3,372	66,865	6.57	13.00
1944	1,938,299	215,071	300,446	303,646	3,190	60,273	6.01	12.50
1945	1,911,766	227,319	319,097	322,522	3,425	75,531	6.38	13.10
1946	1,763,298	248,240	362,300	366,488	4,188	86,959	7.48	15.60
1947 <sup>9</sup>	1,584,342	289,842	401,161	406,151	4,990	91,423	8.45	20.50

<sup>1</sup> Lambs saved during the year.<sup>2</sup> Excludes interfarm sales.<sup>3</sup> Includes sheep and lambs shipped in from other States and from central markets but excludes intrastate shipments.<sup>4</sup> Adjustments were made for sheep and lambs shipped in and changes in inventory.<sup>5</sup> No adjustments made for cost of sheep and lambs shipped in and changes in inventory. Gross income is "Cash receipts from sales of sheep, lambs, mutton, and lamb" plus "Value of sheep and lambs slaughtered for home consumption."<sup>6</sup> Includes Government purchases.<sup>7</sup> Preliminary.

Bureau of Agricultural Economics. Data for most items shown, for 1924-29, in Agricultural Statistics, 1942, table 543.

816939-49-24



TABLE 462.—*Sheep and lambs: Production, disposition, cash receipts, and gross income, by States, 1946*

State and division	Marketings <sup>1</sup>		Shipped in <sup>2</sup>		Farm slaughter		Quantity produced (live weight) <sup>3</sup>	Value of production <sup>4</sup>	Cash receipts from sales of sheep, lambs, mutton and lamb <sup>5</sup>	Gross income <sup>6</sup>	Value of sheep and lambs slaughtered for home consumption	Cost of sheep and lambs shipped in for feeding and breeding <sup>7</sup>
	Sheep	Lambs	Sheep	Lambs	Sheep	Lambs						
	1,000 head	1,000 head	1,000 head	1,000 head	1,000 head	1,000 head	1,000 pounds	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Maine.....	5	10	.....	.....	2	4	1,380	182	222	237	15	.....
New Hampshire.....	2	1	.....	.....	.....	.....	285	36	37	39	2	.....
Vermont.....	3	3	.....	.....	.....	2	480	58	78	82	4	.....
Massachusetts.....	3	3	.....	.....	.....	1	285	40	40	41	1	.....
Rhode Island.....	.....	1	.....	.....	.....	.....	80	11	11	11	.....	.....
Connecticut.....	1	1	.....	.....	.....	.....	180	19	19	19	.....	.....
New York.....	33	127	3	31	5	7	9,215	1,332	1,923	1,935	12	380
New Jersey.....	1	7	.....	.....	.....	.....	330	48	100	100	.....	56
Pennsylvania.....	54	80	.....	1	2	5	9,662	1,268	1,506	1,519	10	12
North Atlantic.....	90	233	3	36	9	20	21,897	2,964	3,939	3,963	44	448
Ohio.....	232	737	12	97	3	6	61,963	8,795	11,397	11,467	70	1,306
Indiana.....	107	499	15	109	1	2	35,722	5,285	8,520	8,549	29	2,256
Illinois.....	81	747	19	400	1	3	41,309	5,967	11,829	11,866	37	5,504
Michigan.....	104	365	5	25	2	6	31,604	4,832	6,322	6,357	35	382
Wisconsin.....	67	278	3	131	2	5	18,983	2,759	4,567	4,636	69	1,807
East North Central.....	591	2,626	54	822	9	22	189,491	27,668	42,635	42,875	240	11,255
Minnesota.....	204	911	20	275	3	6	67,340	10,085	15,177	15,255	78	3,334
Iowa.....	110	1,633	71	1,124	2	3	81,380	12,206	25,107	25,100	43	14,340
Missouri.....	124	1,157	72	371	3	4	76,930	12,188	16,998	17,060	62	5,123
North Dakota.....	166	408	36	36	3	4	37,956	5,898	8,263	8,337	74	723
South Dakota.....	297	978	30	256	4	5	63,665	8,960	14,676	14,766	90	3,480
Nebraska.....	108	1,032	37	680	2	3	42,837	6,036	15,687	15,735	48	7,836
Kansas.....	104	1,204	85	1,080	1	3	56,446	7,894	16,940	16,975	35	13,369
West North Central.....	1,113	7,413	351	3,822	18	28	426,554	63,267	112,848	113,278	430	48,205
North Central.....	1,704	10,039	405	4,644	27	50	616,045	90,935	155,483	156,153	670	59,460
Delaware.....	1	.....	.....	.....	.....	.....	100	7	7	7	.....	.....
Maryland.....	4	24	1	.....	.....	1	2,251	361	370	376	6	7
Virginia.....	29	223	2	5	2	3	21,101	3,416	3,538	3,569	31	84
West Virginia.....	34	212	.....	1	2	3	10,970	3,152	3,301	3,332	31	14
North Carolina.....	4	20	.....	.....	.....	1	1,875	263	276	289	13	.....
South Carolina.....	1	1	.....	.....	.....	1	140	19	27	29	2	.....
Georgia.....	1	2	.....	1	1	1	235	25	34	42	8	11
Florida.....	1	1	.....	.....	.....	1	195	19	17	20	3	.....
South Atlantic.....	75	483	3	7	7	11	45,897	7,262	7,570	7,664	94	116
Kentucky.....	115	585	55	24	2	4	54,729	8,021	9,891	9,924	33	789
Tennessee.....	30	222	5	26	2	3	19,033	2,835	3,231	3,254	22	378
Alabama.....	4	5	.....	.....	.....	1	533	54	73	76	3	11
Mississippi.....	8	9	.....	.....	.....	2	1,255	114	111	116	5	.....
Arkansas.....	14	36	.....	.....	.....	2	2,581	329	407	415	8	.....
Louisiana.....	38	9	.....	.....	2	3	1,696	131	332	348	16	.....
Oklahoma.....	25	162	4	96	1	2	10,197	1,367	2,145	2,166	21	979
Texas.....	2,485	1,741	12	130	10	14	243,802	23,745	32,925	33,096	171	1,411
South Central.....	2,719	2,769	76	277	17	31	333,826	37,496	49,115	49,395	280	3,568
Montana.....	533	1,363	35	55	8	11	112,589	15,065	20,491	20,629	138	919
Idaho.....	101	1,236	20	311	11	16	85,742	13,100	17,355	17,604	249	3,810
Wyoming.....	265	1,520	9	85	10	23	107,894	16,180	19,271	19,532	281	1,062
Colorado.....	258	1,974	85	765	8	11	104,348	16,646	20,640	20,821	181	9,562
New Mexico.....	100	608	19	24	75	30	39,381	5,959	6,899	7,619	720	465
Arizona.....	93	115	30	.....	60	48	19,185	2,222	2,008	2,871	863	267
Utah.....	106	956	13	25	17	17	62,033	9,752	11,642	11,901	259	431
Nevada.....	83	259	4	12	4	5	18,350	2,491	2,902	2,970	68	177
Washington.....	66	274	10	14	4	3	24,749	3,614	4,172	4,200	26	266
Oregon.....	52	559	8	.....	5	10	41,687	6,737	7,728	7,836	108	78
California.....	272	1,784	10	553	14	18	129,705	17,787	24,085	24,200	205	6,321
Western.....	1,890	10,648	243	1,844	216	192	745,663	109,553	146,193	149,203	3,100	23,387
United States.....	6,490	24,172	730	6,808	276	304	1,763,298	240,362	302,300	306,488	4,188	86,960

See footnotes at bottom of page 370.

## SHEEP AND LAMBS

369

TABLE 463.—*Sheep and lambs: Production, disposition, cash receipts, and gross income, by States, 1947 (preliminary)*

State and division	Marketings <sup>1</sup>		Shipped in <sup>2</sup>		Farm slaughter		Quantity produced (live-weight) <sup>3</sup>	Value of production <sup>4</sup>	Cash receipts from sales of sheep, lambs, mutton and lamb <sup>5</sup>	Gross income <sup>6</sup>	Value of sheep and lambs slaughtered for home consumption	Cost of sheep and lambs shipped in for feeding and breeding <sup>7</sup>
	Sheep	Lambs	Sheep	Lambs	Sheep	Lambs						
	1,000 head	1,000 head	1,000 head	1,000 head	1,000 head	1,000 head	1,000 pounds	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Maine.....	6	7			2		1,095	180	244	262	18	
New Hampshire.....	2	1				1	310	41	41	44	3	
Vermont.....	1	3				2	450	72	72	77	5	
Massachusetts.....		3					295	50	38	38		
Rhode Island.....	1	1					85	14	14	14		
Connecticut.....	1	2					260	36	36	36		
New York.....	26	110	2	18	4	6	8,460	1,574	2,133	2,145	12	265
New Jersey.....	1	8		5			375	67	146	146		83
Pennsylvania.....	37	69			2	5	8,273	1,318	1,429	1,442	13	
North Atlantic.....	74	204	2	23	8	18	19,603	3,352	4,153	4,204	51	348
Ohio.....	168	615	6	62	3	5	51,020	9,265	11,265	11,339	74	941
Indiana.....	95	444	14	188	1	2	31,737	5,987	9,226	9,261	35	2,972
Illinois.....	75	606	20	353	1	3	36,262	6,871	12,165	12,212	47	8,555
Michigan.....	39	272	5	17	3	7	25,834	5,030	5,521	5,574	53	313
Wisconsin.....	44	254	2	82	2	5	18,338	3,143	4,951	5,031	80	1,301
East North Central.....	421	2,191	47	702	10	22	163,191	30,296	43,128	43,417	289	11,382
Minnesota.....	109	805	30	280	3	6	58,971	11,609	16,569	16,666	97	3,969
Iowa.....	197	1,517	58	846	2	2	79,797	15,264	31,108	31,149	41	12,461
Missouri.....	179	1,040	75	225	2	3	74,535	14,847	19,900	19,952	52	3,851
North Dakota.....	111	379	18	35	3	4	30,404	5,897	7,251	7,335	84	642
South Dakota.....	183	842	11	229	3	7	54,300	10,049	15,827	15,663	136	3,563
Nebraska.....	89	859	47	841	2	3	40,476	8,164	18,598	18,662	64	11,698
Kansas.....	141	1,367	50	517	1	3	43,329	8,825	25,718	25,767	49	7,249
West North Central.....	1,009	6,749	289	2,973	16	28	381,812	74,655	134,671	135,194	623	43,433
North Central.....	1,430	8,940	336	3,675	26	50	645,003	104,951	177,709	178,611	812	54,815
Delaware.....	1						100	8	8	8		
Maryland.....	1	22				1	2,055	398	385	392	7	
Virginia.....	20	204	2	1	2	3	18,026	3,651	3,826	3,862	36	34
West Virginia.....	29	191	2	2	2	3	18,040	3,530	3,749	3,784	35	50
North Carolina.....	3	16			1	2	1,455	275	263	309	16	
South Carolina.....	1	1					75	12	12	12		
Georgia.....	1	1			1	1	235	29	29	38	5	
Florida.....	1	1			1		230	20	18	21	3	
South Atlantic.....	56	436	4	3	7	10	40,216	7,923	8,320	8,426	106	84
Kentucky.....	95	519	41	25	2	4	46,728	10,109	10,466	10,507	41	782
Tennessee.....	27	236	1	35	2	3	18,357	3,487	4,215	4,243	28	553
Alabama.....	5	4				1	586	72	83	87	4	
Mississippi.....	1	13		1		2	1,550	163	118	124	6	11
Arkansas.....	4	29			1	2	2,268	385	389	394	5	13
Louisiana.....	25	15				3	1,485	145	236	304	18	571
Oklahoma.....	28	147	4	28	1	1	5,890	1,585	2,631	2,648	17	77
Texas.....	1,727	1,568	14	141	12	16	204,130	24,250	33,596	33,854	258	1,865
South Central.....	1,912	2,531	60	231	19	31	283,994	40,196	51,784	52,161	377	3,595
Montana.....	325	1,027	30	124	7	11	95,196	16,241	19,057	19,218	161	1,967
Idaho.....	72	1,198	30	353	10	15	85,337	17,918	22,818	23,127	309	5,388
Wyoming.....	115	1,309	10	121	12	28	97,414	18,780	19,865	20,282	417	1,796
Colorado.....	118	1,518	70	890	8	10	89,264	19,072	29,307	29,521	214	12,960
New Mexico.....	106	592	20	27	70	30	51,365	8,048	7,809	8,583	774	589
Arizona.....	37	161	22	44	60	49	17,650	3,008	2,750	3,723	973	884
Utah.....	46	903	34	80	17	16	60,598	11,963	12,399	12,600	310	1,548
Nevada.....	16	223	4	8	4	5	19,450	3,553	3,445	3,537	92	154
Washington.....	66	242	12	11	3	3	22,230	4,298	4,812	4,842	30	286
Oregon.....	28	480	7		4	10	40,406	8,536	8,619	8,748	120	70
California.....	197	1,544	15	497	12	16	116,616	22,003	28,324	28,559	235	6,903
Western.....	1,126	9,067	254	2,160	197	193	695,526	133,420	159,105	162,749	3,644	32,581
United States.....	4,598	21,208	656	6,092	257	302	1,534,342	289,842	401,161	405,151	4,990	91,423

See footnotes at bottom of page 370.

TABLE 464.—*Sheep and lambs: Receipts at public stockyards, 1938-47*TOTAL RECEIPTS<sup>1</sup>

Year	Chi- cago	Den- ver	Fort Worth	Kan- sas City	Oma- ha	St. Louis Natl. Stock- yards	South St. Joseph	South St. Paul	Sioux City	Total, 9 mar- kets <sup>2</sup>	All others report- ing	Total, 67 markets report- ing <sup>3</sup>
	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>
1938.....	2,564	3,135	1,378	1,566	1,048	988	1,011	1,258	661	14,149	11,449	25,598
1939.....	2,499	2,837	939	1,307	1,717	820	1,025	1,204	711	13,118	10,699	23,817
1940.....	2,103	2,663	1,086	1,294	1,576	832	978	1,280	786	12,596	10,158	22,754
1941.....	2,179	2,471	906	1,337	1,487	783	1,111	1,306	779	12,359	10,468	22,817
1942.....	2,596	2,966	1,557	1,871	2,058	893	1,240	1,612	1,088	15,880	12,331	28,211
1943.....	2,390	2,715	2,105	2,331	2,651	904	1,231	1,787	1,361	17,476	12,991	30,467
1944.....	2,056	2,518	2,657	2,247	2,370	822	1,120	1,709	1,365	16,864	12,344	29,208
1945.....	1,875	2,287	2,714	2,226	1,935	1,049	1,043	1,331	1,104	15,563	12,695	27,654
1946.....	1,487	2,102	2,331	1,968	1,779	956	909	1,169	917	13,618	12,529	26,147
1947.....	968	1,996	1,766	1,857	1,527	822	937	940	784	11,598	10,081	21,679

## TRUCK RECEIPTS

1938.....	347	122	900	291	268	462	322	525	333	3,559	3,467	7,026
1939.....	329	156	676	314	329	458	388	467	344	3,462	3,477	6,939
1940.....	295	157	797	352	347	480	394	480	397	3,700	3,547	7,247
1941.....	321	166	706	415	376	472	509	506	449	3,920	3,834	7,754
1942.....	347	292	1,120	454	436	516	548	620	498	4,831	4,269	9,100
1943.....	343	381	1,547	430	486	549	514	590	587	5,486	4,572	10,068
1944.....	326	291	1,714	382	444	459	433	606	573	5,228	4,202	9,430
1945.....	284	288	1,893	373	400	431	434	539	505	5,147	4,352	9,499
1946.....	373	328	1,759	337	368	435	376	575	484	5,039	4,344	9,383
1947.....	306	322	1,399	338	322	408	401	540	434	4,471	3,857	8,328

<sup>1</sup> Total rail and truck receipts unloaded at public stockyards.<sup>2</sup> Rounded totals of complete figures.Production and Marketing Administration. Compiled from reports received from stockyard companies. Data for 1931-37 in *Agricultural Statistics*, 1941, table 524.

## FOOTNOTES FOR TABLES 462 AND 463

<sup>1</sup> Excludes interfarm sales.<sup>2</sup> Includes sheep and lambs shipped in from other States and from central markets but excludes intrastate shipments.<sup>3</sup> Adjustments were made for sheep and lambs shipped in and changes in inventory.<sup>4</sup> No adjustments made for cost of sheep and lambs shipped in and changes in inventory values. Gross income is "Cash receipts from sales of sheep, lambs, mutton, and lamb" plus "Value of sheep and lambs slaughtered for home consumption."

Bureau of Agricultural Economics.

TABLE 465.—*Sheep and lambs: Stocker and feeder shipments into 8 North Central States, 1943-47*<sup>1</sup>

Year and source	Shipments into—								
	Ohio	Indiana	Illinois	Michigan	Wisconsin	Minnesota	Iowa	Nebraska	Total, 8 States
1943:									
Public stockyards.....	Number	Number	Number	Number	Number	Number	Number	Number	Number
Direct.....	2,687	53,846	223,542	25,542	50,031	220,320	771,498	725,923	2,073,192
	171,772	96,049	230,983	48,094	89,116	280,859	450,410	829,538	2,196,821
Total.....	174,459	149,895	454,328	73,636	139,147	501,179	1,221,908	1,555,461	4,270,013
1944:									
Public stockyards.....	1,457	14,714	235,644	24,802	34,837	177,520	612,020	499,798	1,600,792
Direct.....	82,447	104,108	191,323	25,452	94,872	216,851	419,175	610,186	1,744,414
Total.....	83,904	118,822	426,967	50,254	129,709	394,371	1,031,195	1,109,984	3,345,206
1945:									
Public stockyards.....	3,012	17,229	230,548	12,688	38,913	167,908	531,982	383,809	1,386,089
Direct.....	99,523	213,617	194,326	17,677	132,528	235,115	476,178	698,612	2,067,876
Total.....	102,535	230,846	424,874	30,365	171,441	403,023	1,008,160	1,082,421	3,453,665
1946:									
Public stockyards.....	1,943	46,082	221,991	13,411	21,719	127,490	581,023	272,136	1,285,795
Direct.....	106,934	203,611	210,086	16,115	112,250	167,986	613,789	495,432	1,920,203
Total.....	108,877	249,693	432,077	29,526	133,969	295,476	1,194,812	767,568	3,211,998
1947:									
Public stockyards.....	1,901	114,439	291,140	11,624	33,561	133,125	477,302	253,864	1,316,956
Direct.....	66,093	87,819	250,923	9,910	48,615	137,284	426,227	762,777	1,789,648
Total.....	67,994	202,258	542,063	21,534	82,176	270,409	903,529	1,016,641	3,106,604

<sup>1</sup> Under "Public stockyards" are included stockers and feeders which were bought at stockyard markets. Under "Direct" are included stockers and feeders coming from other States from points other than public stockyards, some of which are inspected at public stockyards while stopping for feed, water, and rest en route.

Bureau of Agricultural Economics. Compiled from data obtained from offices of State veterinarians.

TABLE 466.—*Sheep and lambs: Annual slaughter, United States, 1930-47*

Year	Federally inspected	Not federally inspected		Total	Year	Federally inspected <sup>1</sup>	Not federally inspected		Total
		Other wholesale, and retail	Farm				Other wholesale, and retail	Farm	
	Thousands	Thousands	Thousands	Thousands		Thousands	Thousands	Thousands	Thousands
1930.....	16,697	3,954	474	21,125	1939.....	17,241	3,776	597	21,614
1931.....	18,071	4,471	596	23,138	1940.....	17,349	3,651	571	21,571
1932.....	17,899	4,420	744	23,063	1941.....	18,122	3,605	582	22,309
1933.....	17,354	3,713	781	21,848	1942.....	21,624	3,383	578	25,585
1934.....	<sup>2</sup> 17,411	3,683	806	<sup>2</sup> 21,800	1943.....	23,363	3,134	576	27,073
1935.....	17,644	3,676	680	22,000	1944.....	21,875	<sup>3</sup> 2,918	562	25,355
1936.....	17,216	3,702	637	21,555	1945.....	21,218	<sup>3</sup> 2,850	571	24,639
1937.....	17,270	3,587	598	21,455	1946.....	19,884	<sup>3</sup> 2,350	580	22,814
1938.....	18,060	3,753	610	22,423	1947 <sup>4</sup> .....	16,667	<sup>3</sup> 1,540	559	18,766

<sup>1</sup> Includes slaughter in war-duration or "Fulmer" plants, 1942-46, representing an increase in the number of federally inspected slaughter plants.

<sup>2</sup> Includes 1,356,421 sheep slaughtered for Government account.

<sup>3</sup> Data obtained from reports of slaughterers.

<sup>4</sup> Preliminary.

Bureau of Agricultural Economics.

TABLE 467.—Feeder sheep: Inspected shipments from public stockyards, 1940-47

Origin and destination	1940	1941	1942	1943	1944	1945	1946	1947
<b>Market origin:</b>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>
Chicago, Ill.	60,867	43,667	57,209	55,110	53,950	34,293	36,597	32,992
Denver, Colo.	810,419	1,001,968	1,244,604	1,065,070	1,022,305	886,961	745,348	758,082
Fort Worth, Tex.	88,843	73,524	86,995	105,607	70,970	133,302	157,540	188,100
Kansas City, Kans.	64,852	76,050	144,158	232,049	145,554	206,274	157,513	195,706
Louisville, Ky.	42,947	40,692	55,679	29,027	50	7,756		
Ogden, Utah	365,593	481,530	582,257	490,445	420,523	410,454	343,691	388,018
Omaha, Nebr.	341,695	298,900	372,504	732,107	503,614	328,193	336,730	286,664
St. Louis <sup>1</sup>	36,963	38,612	25,484	29,316	18,528	42,241	30,361	33,810
Salt Lake City, Utah	94,478	97,305	110,614	125,503	70,519	91,328	92,419	100,703
Sioux Falls, S. Dak.	165,927	150,211	226,249	358,055	364,758	283,155	206,957	168,738
Sioux Falls, S. Dak.	25,460	27,324	30,603	66,908	68,066	62,834	60,116	66,474
So. St. Joseph, Mo.	107,927	183,791	115,421	39,675	21,861	19,458	52,211	124,791
So. St. Paul, Minn.	206,214	225,898	222,843	322,999	328,550	238,867	195,386	173,732
All other inspected <sup>2</sup>	220,915	262,986	285,576	301,221	265,448	376,562	343,811	286,815
<b>Total</b>	<b>2,633,390</b>	<b>3,000,485</b>	<b>3,560,496</b>	<b>3,953,212</b>	<b>3,361,756</b>	<b>3,138,668</b>	<b>2,758,680</b>	<b>2,774,625</b>
<b>State destination:</b>								
New York	6,104	4,809	2,860	10,858	18,426	4,523	22,525	9,875
Ohio	29,131	16,191	20,448	19,545	15,535	20,181	21,384	13,650
Indiana	41,689	34,282	45,265	47,273	18,788	34,902	40,483	45,314
Illinois	180,987	215,291	219,764	338,709	241,857	233,963	237,014	218,856
Michigan	88,996	32,902	36,588	28,957	22,761	16,002	24,208	12,649
Wisconsin	47,152	40,483	26,567	50,196	33,458	31,510	14,824	14,343
Minnesota	174,478	166,060	195,283	207,694	183,859	197,342	132,906	138,188
Iowa	576,715	425,986	512,276	794,873	693,034	524,043	523,498	426,163
Missouri	176,530	295,180	233,126	168,175	117,816	131,436	156,760	249,448
South Dakota	48,997	46,938	64,918	177,024	122,499	86,132	83,613	95,867
Nebraska	412,693	566,619	766,892	838,323	598,667	488,785	288,473	404,186
Kansas	240,602	351,382	547,325	262,293	501,108	422,828	395,687	288,563
Kentucky	47,462	45,348	64,563	38,344	13,488	40,897	21,940	25,155
Tennessee	7,496	10,435	4,175	6,243	4,572	18,649	11,173	9,323
Oklahoma	24,310	29,651	22,730	13,314	12,393	9,760	13,351	12,168
Texas	20,521	31,882	47,300	54,798	34,826	63,653	81,929	61,697
Montana	3,543	583	1,131	1,763	23		9,015	21,238
Idaho	13,831	20,100	29,604	25,599	16,302	7,338	14,256	47,321
Wyoming	9,802	17,559	17,930	20,958	6,880	8,238	18,712	21,185
Colorado	322,006	445,495	486,683	469,459	427,211	415,710	340,240	430,101
Utah	22,479	44,908	40,952	55,396	65,113	65,916	32,505	78,019
California	72,287	107,211	154,593	162,007	160,143	252,240	212,408	154,033
All other <sup>2</sup>	76,679	48,480	39,523	70,414	52,997	64,622	61,576	57,313
<b>Total<sup>2</sup></b>	<b>2,633,390</b>	<b>3,000,485</b>	<b>3,560,496</b>	<b>3,953,212</b>	<b>3,361,756</b>	<b>3,138,668</b>	<b>2,758,680</b>	<b>2,774,625</b>

<sup>1</sup> Includes St. Louis National Stock Yards, Ill., and St. Louis, Mo.<sup>2</sup> Does not include Hawaii.

Bureau of Agricultural Economics. Compiled from inspection records of the Bureau of Animal Industry. Data for 1926-39 in Agricultural Statistics, 1941, table 526.

TABLE 468.—Sheep and lambs: Slaughter under Federal inspection, by stations, 1938-47<sup>1</sup>

Year	Chi- cago <sup>2</sup>	Denver	Kansas City	New York <sup>2</sup>	Omaha <sup>2</sup>	St. Louis <sup>2</sup>	Sioux City	South St. Paul <sup>2</sup>	All other stations	Total
	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>
1938	2,570	414	1,177	3,333	1,093	828	560	761	7,324	15,060
1939	2,444	359	1,159	3,017	1,190	710	591	777	6,994	17,241
1940	2,287	307	1,086	2,931	1,131	715	615	762	7,516	17,351
1941	2,511	353	1,114	2,901	1,228	776	635	818	7,789	18,125
1942	3,155	406	1,368	2,940	1,666	933	821	1,046	9,291	21,625
1943	2,927	589	1,672	2,766	1,868	938	969	999	10,634	23,363
1944	2,512	598	1,596	2,831	1,903	796	890	913	9,937	21,876
1945	1,967	571	1,494	2,434	1,589	888	695	721	10,861	21,220
1946	1,491	492	1,146	2,484	1,105	764	612	595	11,196	19,885
1947	1,179	556	1,195	2,167	1,160	756	555	557	8,542	16,667

For footnotes see bottom of page 373.

TABLE 469.—*Sheep and lambs: Number, by classes, slaughtered under Federal inspection, 1938-47*

Year	Lambs and yearlings		Sheep		Year	Lambs and yearlings		Sheep	
	Thou- sands	Percent	Thou- sands	Percent		Thou- sands	Percent	Thou- sands	Percent
1938.....	16,384	93.5	1,176	6.5	1943.....	18,466	79.0	4,897	21.0
1939.....	16,137	93.6	1,104	6.4	1944.....	18,263	83.5	3,613	19.8
1940.....	16,253	93.7	1,098	6.3	1945.....	16,776	79.1	4,444	20.9
1941.....	16,980	93.7	1,145	6.3	1946.....	16,535	83.2	3,350	16.8
1942.....	18,811	87.0	2,813	13.0	1947.....	14,374	86.2	2,292	13.8

Production and Marketing Administration. Data for 1923-37 in Agricultural Statistics, 1941, table 533.

TABLE 470.—*Sheep and lambs: Number slaughtered under Federal inspection, average live weight, and average cost to slaughterers per 100 pounds, by seasons, 1938-47*

Year beginning May—	Number slaughtered <sup>1</sup>			Average live weight			Average cost per 100 pounds, live weight		
	May- Nov.	Dec- Apr.	May- Apr.	May- Nov.	Dec- Apr.	May- Apr.	May- Nov.	Dec- Apr.	May- Apr.
	Thou- sands	Thou- sands	Thou- sands	Pounds	Pounds	Pounds	Dollars	Dollars	Dollars
1938.....	10,885	6,862	17,746	82	91	85	7.58	8.63	8.01
1939.....	10,338	6,920	17,258	83	91	86	8.36	8.91	8.59
1940.....	10,404	7,276	17,680	83	93	87	8.57	9.73	9.08
1941.....	10,694	7,827	18,520	85	94	89	10.15	11.38	10.70
1942.....	13,194	8,351	21,545	86	93	89	11.82	14.01	12.71
1943.....	14,929	8,608	23,537	89	94	91	11.29	13.64	12.18
1944.....	13,592	8,859	22,451	87	96	90	11.14	13.35	12.07
1945.....	12,489	9,156	21,645	92	99	95	11.32	13.20	12.15
1946.....	11,189	6,718	17,907	90	98	93	14.87	20.52	17.11
1947.....	9,844	6,227	16,070	91	98	93	19.09	21.59	20.11

<sup>1</sup> Rounded totals of unrounded numbers.

Production and Marketing Administration. Data for 1931-37 in Agricultural Statistics, 1941, table 530. In recent years the carcass weight of sheep and lambs has averaged about 46 percent of the live weight.

## FOOTNOTES FOR TABLE 468

<sup>1</sup> Includes slaughter in plants to which Federal inspection was extended by the Fulmer Act, beginning 1942.

<sup>2</sup> Includes Elburn, Ill.

<sup>3</sup> Includes Jersey City and Newark, N. J.

<sup>4</sup> Includes Lincoln, Nebr.

<sup>5</sup> Includes St. Louis National Stock Yards, East St. Louis, Ill., and St. Louis, Mo.

<sup>6</sup> Includes Newport and St. Paul, Minn.

Production and Marketing Administration. Compiled from inspection records of Bureau of Animal Industry. Data for 1931-37 in Agricultural Statistics, 1941, table 531.

TABLE 471.—*Sheep and lambs: Number slaughtered, 1946 and 1947, and average live weight and total live weight, 1947, by States*<sup>1</sup>

State	Number slaughtered		Average live weight 1947 <sup>2</sup>	Total live weight 1947 <sup>3</sup>
	1946	1947		
	Head	Head	Pounds	1,000 pounds
New England.....	250,200	389,000	91	35,380
New York.....	2,055,000	1,574,000	91	142,676
New Jersey.....	875,000	880,000	90	79,002
Pennsylvania.....	486,000	315,000	83	26,153
Ohio.....	375,000	328,000	83	27,316
Indiana.....	146,900	87,100	89	7,730
Illinois.....	2,083,000	1,698,000	93	157,372
Michigan.....	752,000	283,000	92	25,967
Wisconsin.....	304,000	205,600	95	19,602
Minnesota.....	1,279,000	1,108,000	96	106,598
Iowa.....	1,944,000	1,910,000	94	179,612
Missouri.....	1,008,000	1,038,000	93	97,020
North Dakota.....	319,000	303,200	103	31,129
South Dakota.....	381,000	323,000	97	31,225
Nebraska.....	1,324,000	1,282,000	99	127,344
Kansas.....	1,395,000	1,371,000	93	128,044
Delaware and Maryland <sup>4</sup> .....	140,000	90,700	90	8,195
Virginia.....	35,400	21,100	82	1,735
West Virginia.....	12,500	8,300	89	740
North Carolina.....	2,400	5,300	96	507
South Carolina.....	1,000	600	80	48
Georgia.....	12,000	2,400	83	199
Florida.....	2,700	500	70	35
Kentucky.....	125,500	122,600	82	10,082
Tennessee.....	71,900	50,500	81	4,087
Alabama.....	8,600	1,300	82	106
Mississippi.....	1,700	1,900	75	142
Arkansas.....	1,600	600	97	58
Louisiana.....	1,600	2,800	75	211
Oklahoma.....	335,000	263,800	84	22,237
Texas.....	1,604,000	1,035,800	80	82,681
Montana.....	11,400	7,400	105	778
Idaho.....	26,000	15,100	104	1,576
Wyoming.....	61,500	4,000	100	401
Colorado.....	984,000	752,000	99	74,385
New Mexico.....	7,800	9,100	93	843
Arizona.....	27,600	24,700	94	2,320
Utah.....	139,900	84,100	103	8,665
Nevada.....	18,200	9,700	100	966
Washington.....	321,000	212,400	101	21,448
Oregon.....	278,000	177,200	96	17,089
California.....	3,025,000	2,209,000	96	211,372
United States.....	22,234,000	18,207,000	93	1,693,076

<sup>1</sup> Includes slaughter under Federal inspection and other wholesale and retail slaughter; excludes farm slaughter.<sup>2</sup> Comparable data for 1946 not available by States.<sup>3</sup> Includes the District of Columbia.

Bureau of Agricultural Economics.



TABLE 472.—*Sheep and lambs: Average price per 100 pounds at Chicago, 1938-47*<sup>1</sup>

Year beginning May—	Sheep			Lambs			Year beginning May—	Sheep			Lambs		
	May-Nov.	Dec.-Apr.	May-Apr.	May-Nov.	Dec.-Apr.	May-Apr.		May-Nov.	Dec.-Apr.	May-Apr.	May-Nov.	Dec.-Apr.	May-Apr.
	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>		<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>
1938.....	3.33	4.64	3.88	8.53	9.22	8.82	1943.....	6.93	7.72	7.26	14.41	15.35	14.80
1939.....	3.30	4.89	3.96	9.42	9.59	9.49	1944.....	5.41	7.81	6.41	13.93	15.55	11.61
1940.....	3.27	5.28	4.11	9.65	10.36	9.95	1945.....	6.43	7.21	6.76	14.46	14.71	14.56
1941.....	4.61	6.44	5.38	11.54	12.24	11.83	1946.....	8.14	8.85	8.43	19.70	22.80	20.99
1942.....	5.93	8.54	7.02	14.46	16.42	15.28	1947.....	7.89	11.35	9.33	22.39	23.52	22.86

<sup>1</sup> Simple average of monthly bulk-of-sales prices, from data of the livestock reporting service. Production and Marketing Administration.

TABLE 473.—*Lamb carcasses: Wholesale price per 100 pounds, Chicago, 1938-47*<sup>1</sup>

Year	Choice, 40 to 45 pounds	Good, 40 to 45 pounds	Commercial, all weights <sup>2</sup>	Utility, all weights <sup>3</sup>	Year	Choice, 40 to 45 pounds	Good, 40 to 45 pounds	Commercial, all weights	Utility, all weights
	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>		<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>
1938.....	16.40	15.20	14.44	13.38	1943.....	26.13	24.63	22.63	20.3
1939.....	17.26	16.33	15.07	13.58	1944.....	25.18	23.68	21.68	19.4
1940.....	17.65	16.49	14.95	13.58	1945.....	25.18	23.68	21.68	19.4
1941.....	19.25	18.09	16.43	15.07	1946.....	32.75	31.08	27.80	23.3
1942.....	23.74	22.65	19.96	18.01	1947.....	44.13	42.58	37.83	29.6

<sup>1</sup> Prices calculated from mean of daily range of quotations.

<sup>2</sup> Medium grade prior to 1941.

<sup>3</sup> Common grade prior to 1941.

Production and Marketing Administration.

TABLE 474.—Wool shorn: Number of sheep shorn, weight per fleece, production, average price per pound received by farmers, and cash receipts, by States, average 1936-45, annual 1946 and 1947

State and division	Sheep and lambs shorn <sup>1</sup>			Weight per fleece <sup>2</sup>			Shorn-wool production			Price per pound			Cash receipts		
	Average 1936-45	1946	1947	Average 1936-45	1946	1947	Average 1936-45	1946	1947	Average 1936-45	1946	1947	Average 1936-45	1946	1947
	Thousands	Thousands	Thousands	Pounds	Pounds	Pounds	1,000 pounds	1,000 pounds	1,000 pounds	Cents	Cents	Cents	1,000 dollars	1,000 dollars	1,000 dollars
Maine.....	40	25	25	6.2	6.3	6.5	249	193	162	35	43	42	87	79	68
New Hampshire.....	7	7	7	6.2	6.3	6.5	57	46	40	34	43	43	19	20	20
Vermont.....	2	17	11	6.0	6.0	6.2	12	41	43	35	45	46	15	18	20
New York.....	7	2	2	5.9	6.0	6.2	43	12	12	35	45	46	15	18	20
Rhode Island.....	2	2	2	5.9	6.0	6.2	12	12	12	36	46	46	4	6	6
Connecticut.....	5	5	5	5.8	6.0	6.0	30	30	30	36	46	46	10	14	14
New Jersey.....	287	188	166	7.2	7.2	7.2	2,075	1,354	1,195	36	45	44	731	609	526
New York.....	6	6	6	6.5	6.5	6.5	39	41	39	36	46	45	14	19	18
Pennsylvania.....	350	235	216	7.5	7.5	7.6	2,621	1,780	1,642	36	46	44	934	822	722
North Atlantic.....	726	445	445	7.23	7.27	7.29	5,256	3,579	3,242	36.0	45.4	44.0	1,860	1,624	1,425
Ohio.....	1,944	1,132	1,132	8.0	8.3	8.3	15,654	10,441	9,396	35	44	46	5,416	4,594	4,372
Indiana.....	657	448	447	7.2	7.4	7.8	4,751	3,315	3,253	36	46	43	1,685	1,525	1,399
Illinois.....	702	498	467	7.8	7.9	8.1	5,495	3,954	3,768	34	45	41	1,908	1,779	1,644
Michigan.....	842	415	415	7.9	8.1	8.2	6,080	3,912	3,403	36	46	45	2,341	1,800	1,531
Wisconsin.....	380	271	249	7.6	7.9	7.9	2,989	2,141	1,967	35	47	43	995	1,006	846
East North Central.....	4,325	2,958	2,680	7.84	8.03	8.13	35,479	23,763	21,785	35.2	45.0	44.3	12,345	10,704	9,642
Minnesota.....	1,934	744	648	7.8	7.7	8.0	8,091	5,729	5,184	34	46	43	2,743	2,033	2,238
Iowa.....	1,337	788	827	7.8	8.0	8.2	9,096	6,304	6,781	34	44	42	3,273	2,771	2,848
Missouri.....	1,415	1,131	1,124	8.7	8.7	8.7	9,540	7,631	8,047	35	43	40	3,340	3,281	3,219
North Dakota.....	1,828	593	498	8.6	8.7	8.7	7,201	5,159	4,333	32	43	42	2,322	2,218	1,820
South Dakota.....	1,448	955	955	8.3	8.2	8.3	12,031	9,181	7,890	33	45	43	4,095	4,131	3,388
Nebraska.....	400	253	217	8.5	8.3	8.5	3,331	2,154	1,835	29	39	38	998	840	697
Kansas.....	576	433	370	8.1	8.3	8.7	4,697	3,853	3,209	30	37	39	1,462	1,326	1,252
West North Central.....	6,938	5,098	4,639	7.85	7.84	8.03	54,627	39,741	37,260	32.8	43.3	41.5	18,233	17,205	15,453
North Central.....	11,463	7,319	7,319	7.83	7.91	8.07	90,006	63,504	59,054	33.7	43.9	42.5	30,883	27,909	25,095
Delaware.....	2	2	2	6.5	6.5	6.5	14	13	13	37	47	44	5	5	6
Maryland.....	56	41	40	6.2	6.2	6.2	352	254	256	38	47	44	129	119	113
Virginia.....	340	279	271	5.0	5.1	5.2	1,713	1,423	1,409	39	53	49	666	754	690
West Virginia.....	432	301	289	5.1	5.3	5.3	2,207	1,595	1,332	39	51	46	827	813	705
North Carolina.....	49	37	34	5.0	5.3	5.3	245	196	180	36	46	47	88	90	85
South Carolina.....	6	4	4	4.9	5.0	5.0	30	20	20	33	39	40	10	8	8
Georgia.....	19	14	13	3.2	3.2	3.3	79	57	51	31	40	41	24	23	23
Florida.....	23	12	12	3.2	3.2	3.3	74	35	40	32	43	43	23	16	17
South Atlantic.....	927	660	665	5.09	5.22	5.27	4,714	3,601	3,507	38.4	50.8	47.0	1,772	1,531	1,647

Kentucky.....	958	739	724	5.5	6.0	6.3	5,220	4,434	4,561	38	50	47	2,012	2,217	2,144
Tennessee.....	353	304	297	4.7	5.1	5.0	1,670	1,550	1,485	37	43	47	2,626	2,760	2,668
Alabama.....	33	24	22	4.0	4.4	4.5	1,131	1,106	1,099	32	43	42	46	46	42
Mississippi.....	64	70	79	3.4	3.4	3.8	216	269	300	33	49	44	74	132	132
Arkansas.....	81	61	51	4.8	4.6	4.9	390	281	250	34	50	43	134	140	108
Louisiana.....	224	182	163	3.3	3.2	3.4	736	614	554	33	48	45	238	295	249
Oklahoma.....	266	151	140	8.4	8.1	8.7	2,246	1,223	1,218	28	35	36	610	428	438
Texas.....	9,824	8,013	8,013	7.8	7.8	7.7	76,566	71,263	61,946	34	43	43	26,026	30,643	26,037
South Central.....	11,803	10,703	9,489	7.41	7.45	7.42	87,205	79,740	70,413	34.1	43.5	43.2	29,761	34,661	30,448
Montana.....	3,057	2,238	1,903	9.2	9.6	9.1	28,247	21,485	17,317	33	43	45	9,481	9,239	7,783
Idaho.....	1,718	1,132	1,033	9.4	9.5	9.9	16,157	10,754	10,425	33	42	42	5,201	4,517	4,378
Wyoming.....	3,157	2,305	2,203	9.6	10.0	9.9	30,269	23,950	21,810	31	39	39	9,491	9,340	8,506
Colorado.....	1,637	1,377	1,210	8.4	8.8	9.0	13,693	12,118	10,890	32	40	41	4,381	4,847	4,465
New Mexico.....	1,985	1,468	1,362	7.9	8.3	8.3	16,984	12,141	11,361	29	35	35	4,578	4,249	3,976
Arizona.....	664	405	405	6.7	7.2	7.5	4,419	3,187	3,027	30	37	35	1,288	1,179	1,039
Utah.....	1,381	1,443	1,381	8.9	9.2	9.5	17,119	14,106	13,120	31	39	40	5,334	5,564	5,248
Nevada.....	1,988	1,381	1,381	8.9	9.2	9.5	17,119	14,106	13,120	31	39	40	5,334	5,564	5,248
Washington.....	402	402	382	9.1	8.9	9.3	5,331	3,585	3,555	31	41	41	1,600	1,428	1,428
Oregon.....	1,503	800	705	8.8	8.5	8.8	13,221	6,800	6,204	32	40	42	4,087	2,788	2,608
California.....	3,356	2,625	2,275	6.9	7.0	6.6	23,249	17,607	15,054	33	44	43	7,675	7,747	6,473
Western.....	20,300	14,807	13,323	8.53	8.78	8.75	173,204	130,063	116,582	31.9	40.5	40.7	54,804	52,614	47,491
United States.....	46,219	34,718	31,241	7.97	8.08	8.09	390,385	280,487	252,798	33.0	42.3	42.0	118,780	118,639	106,106

<sup>1</sup> Includes sheep shorn at commercial feeding yards.

<sup>2</sup> For Texas and California the weight per fleece is the amount of wool shorn, per sheep and lamb during the year.  
Bureau of Agricultural Economics.

TABLE 475.—Wool: Jan. 1 stocks of apparel wool, number of sheep shorn, production, average price per pound received by farmers, cash receipts, pulled wool production, exports, imports, total new supply of apparel wool, and imports of carpet wool, United States, 1930-47

Year	Jan. 1 stocks of apparel wool <sup>1</sup> 1,000 pounds	Sheep and lambs shorn Thousands	Weight per fleece Pounds	Shorn wool production 1,000 pounds	Price per pound Cents	Cash receipts 1,000 dollars	Pulled wool production		Apparel wool				Carpet wool, imports for consumption <sup>2</sup> 1,000 pounds
							Average weight per skin Pounds	Total 1,000 pounds	Total production 1,000 pounds	Exports, domestic 1,000 pounds	Imports for consumption <sup>3</sup> 1,000 pounds	Total new supply <sup>4</sup> 1,000 pounds	
1930	372,745	44,549	7.90	352,129	18.5	68,739	3.32	61,900	414,029	162	70,135	484,002	1,901,921
1931	372,745	46,832	8.04	376,301	13.6	51,039	3.24	69,100	442,401	274	42,915	485,042	1,131,795
1932	372,745	46,207	7.76	350,946	8.6	29,202	3.34	67,100	418,066	179	13,522	431,439	139,195
1933	372,745	46,005	7.73	374,152	21.9	77,705	3.17	64,200	438,352	119	29,341	467,693	174,968
1934	372,745	46,005	7.73	374,152	21.9	77,705	3.17	64,200	438,352	119	29,341	467,693	174,968
1935	372,745	44,991	8.04	365,531	19.3	69,613	3.20	66,000	427,831	20	41,994	469,825	185,477
1936	372,745	44,663	7.91	353,211	26.9	94,915	3.21	66,200	419,411	16	110,712	530,107	145,276
1937	206,098	44,284	8.04	356,078	32.0	113,807	3.24	65,200	422,278	68	150,100	572,370	172,091
1938	238,228	44,859	8.02	359,925	19.1	68,917	3.28	64,500	424,425	1,343	30,812	455,894	71,908
1939	220,225	45,195	8.00	361,689	22.3	80,683	3.32	64,500	426,189	179	98,194	524,204	144,875
1940	177,201	46,313	8.03	372,014	28.4	105,539	3.30	62,000	434,014	456	222,883	656,541	134,691
1941	192,841	47,722	8.12	387,530	35.5	137,758	3.42	65,900	453,320	38	613,566	1,066,848	203,249
1942	447,398	49,257	7.88	388,207	40.7	157,828	3.35	66,700	454,907	111	782,677	1,237,533	32,017
1943	515,449	49,257	7.88	388,207	40.7	157,828	3.35	66,700	454,907	111	782,677	1,237,533	32,017
1944	815,149	43,165	7.84	338,318	42.4	143,513	3.42	73,500	411,818	27	1,071,893	1,483,713	34,775
1945	749,183	38,703	7.94	307,949	41.9	129,122	3.58	70,500	378,449	28,797	725,237	1,071,893	79,523
1946	797,969	34,718	8.08	280,457	42.3	118,613	3.76	61,300	341,757	16,008	923,814	1,249,593	125,418
1947	892,869	31,241	8.09	252,798	42.0	106,106	3.65	57,300	310,098	12,720	528,172	1,525,550	112,120

<sup>1</sup> As reported by Bureau of the Census. Includes wool stored in bonded warehouses prior to payment of duty. Excludes wool on farms for all years, and wool stored for the British Government for re-export, 1932-46.

<sup>2</sup> Includes wool stored in bonded warehouses prior to payment of duty.

<sup>3</sup> General imports less re-exports, 1930-33, inclusive. Apparel wool for all years includes the item "not finer than 40's" both free and dutiable. Carpet wool includes only Donkool, Smyrna, East Indian, Chinese, and similar wool without merino or English blood.

<sup>4</sup> Production, minus exports, plus imports; stocks not taken into consideration.

<sup>5</sup> For the years 1930-35 the item "not finer than 40's" has been deducted from carpet wool totals reported by the Department of Commerce and added to apparel wool, thus making entire series comparable.

<sup>6</sup> Does not include 222,222,220 pounds in 1942; 276,476,308 pounds in 1943; 2,725,920 pounds in 1944; 5,372,698 pounds in 1945, and 14,840 pounds in 1946, imported free of duty as an act of international courtesy. Wool imported from the entire country of wool stored in this country for the British Government and later re-exported. This wool was not available to domestic mills.

<sup>7</sup> Preliminary.

Bureau of Agricultural Economics. Imports and exports from Foreign Commerce and Navigation of the United States and other official statistics of 1942, Department of Commerce. Data for 1909-29 in Agricultural Statistics, 1942, table 556.

TABLE 476.—Wool: Production in specified countries, greasy basis, averages 1931-35, 1936-40; annual 1943-47<sup>1</sup>

Continent and country	Average		1943	1944	1945	1946	1947 <sup>2</sup>
	1931-35	1936-40					
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds
North America:							
Canada.....	17.3	15.6	17.8	19.3	19.6	17.1	14.1
United States:							
Shorn.....	366.3	360.6	378.8	338.3	307.9	279.9	256.3
Pulled.....	64.8	64.7	65.2	73.5	70.5	61.3	52.0
Total.....	431.1	425.3	444.0	411.8	378.4	341.2	308.3
Estimated total <sup>3</sup> .....	458.2	451.7	472.8	442.2	409.2	369.5	333.6
Europe:							
Albania.....	4.2	4.4	3.9	4.2	4.4	4.8	4.8
Bulgaria.....	26.8	28.7	28.2	23.4	19.3	21.9	25.7
Eire.....	18.4	17.2	15.3	15.9	16.1	14.5	13.0
Estonia.....	1.9	2.4					
Finland.....	2.3	2.7	1.8	2.2	2.2	2.6	2.4
France <sup>4</sup> .....	36.9	37.1	26.9	26.0	25.0	26.5	28.6
Germany.....	30.5	39.8	45.7	49.9			
Greece.....	17.7	10.3	11.4	9.3	11.2	13.5	16.7
Hungary.....	11.4	12.9	8.6	8.2	2.3	3.3	4.0
Italy.....	31.0	30.4	26.7	23.4	23.8	24.7	27.0
Latvia.....	4.2	5.9					
Lithuania.....	3.7	3.6					
Netherlands.....	2.9	3.1	2.2	2.4	2.4	2.7	2.3
Norway.....	5.8	5.9	5.8	6.2	6.1	5.8	6.0
Poland.....	9.9	11.8					
Portugal.....	15.8	16.3	17.1	16.7	15.8	17.6	19.0
Rumania.....	53.9	50.3					
Spain.....	68.9	70.0	83.5	88.0	81.5	79.0	77.0
United Kingdom.....	113.8	110.1	90.4	85.6	83.7	87.5	70.0
Yugoslavia.....	30.7	34.7					
Estimated total <sup>6</sup> .....	499.0	514.4	464.2	454.3	406.9	414.2	408.2
U. S. S. R.....	159.6	272.0	260.0	245.0	250.0	260.0	270.0
Asia:							
Iran.....	38.0	36.3	27.5	27.7	28.7	29.5	30.0
Iraq.....	18.5	21.6	21.0	22.0	23.0	24.2	24.2
Syria and Lebanon.....	11.1	10.7	10.0	12.0	13.6	14.3	13.0
Turkey.....	41.4	67.7	62.0	67.0	70.0	69.0	56.0
Afghanistan.....	15.0	15.0	15.0	15.0	15.0	15.0	15.0
China <sup>7</sup> .....	90.0	88.0	85.0	75.0	75.0	75.0	75.0
India.....	71.9	72.9	80.0	76.0	75.0	80.0	80.5
Estimated total <sup>8</sup> .....	318.1	344.2	332.5	326.8	332.5	339.3	326.0
South America:							
Argentina <sup>9</sup> .....	361.0	411.0	515.0	505.0	505.0	515.0	495.0
Brazil <sup>10</sup> .....	35.0	35.5	39.0	40.0	39.0	39.0	39.0
Chile.....	33.8	32.6	35.0	34.0	34.8	33.0	32.0
Peru <sup>11</sup> .....	18.4	19.4	19.0	19.8	20.1	20.1	20.1
Uruguay <sup>12</sup> .....	110.6	126.2	147.9	156.6	175.2	176.0	160.0
Estimated total <sup>13</sup> .....	575.5	638.9	771.6	771.6	791.2	800.6	763.6
Africa:							
Algeria.....	19.1	22.6	23.0	22.7	21.6	19.8	20.2
Egypt.....	5.8	7.5					
French Morocco.....	30.7	35.1	40.0	39.0	40.0	30.0	25.0
Tunisia.....	11.9	12.0	14.5	13.0	13.2	11.8	11.0
Union of South Africa <sup>14</sup> .....	269.0	252.0	250.0	234.0	210.0	210.0	208.0
Estimated total <sup>15</sup> .....	343.1	336.5	339.9	321.3	297.5	284.4	277.0
Oceania:							
Australia.....	1,010.5	1,051.9	1,169.0	1,016.5	932.9	970.0	990.0
New Zealand.....	281.1	313.8	330.0	372.0	365.0	360.0	360.0
Estimated total.....	1,291.8	1,365.9	1,499.1	1,388.6	1,298.0	1,330.1	1,350.1
Estimated world total <sup>16</sup> .....	3,640.0	3,920.0	4,140.0	3,950.0	3,790.0	3,800.0	3,730.0

See footnotes at bottom of page 380.

TABLE 477.—Wool: Commodity Credit Corporation total purchases and sales from Apr. 23, 1943, to Mar. 31, 1948, and stocks as of Mar. 31, 1948, by programs

Classification and program year <sup>1</sup>	Total purchases			Total sales			Stocks as of Mar. 31, 1948		
	Actual		Total grease equivalent <sup>2</sup>	Actual		Total grease equivalent <sup>2</sup>	Actual		Total grease equivalent <sup>2</sup>
	Grease	Scoured		Grease	Scoured		Grease	Scoured	
Shorn wool:	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1943.....	225,496	3,590	234,471	197,174	10,273	222,556	3,951	485	5,163
1944.....	309,155	6,034	324,240	279,607	13,243	312,715	7,870	623	9,428
1945.....	285,616	5,193	298,598	226,304	7,412	238,834	49,601	1,903	54,359
1946.....	295,178	5,953	310,060	216,963	4,903	223,071	76,077	2,673	82,759
1947.....	93,362	2,288	99,082	43,885	991	46,363	48,720	1,517	52,512
1948.....	645	261	1,297	260	44	370	384	217	926
Total.....	1,209,452	23,319	1,267,748	951,893	36,926	1,044,209	186,603	7,418	205,147
Pulled wool:									
1943.....	29,525	26,001	68,527	21,193	31,442	68,356	412	192	700
1944.....	13,832	18,170	41,087	10,598	20,050	40,673	241	271	647
1945.....	46,001	34,216	97,325	40,290	28,886	83,619	2,380	7,637	13,836
1946.....	33,128	30,970	79,583	25,103	16,466	49,802	7,134	15,102	29,787
1947.....	509	12,236	18,863	225	2,619	4,199	284	9,602	14,687
1948.....	545	7,884	12,371	166	900	1,620	379	6,919	10,758
Total.....	123,540	129,477	317,756	97,575	100,462	248,269	10,830	39,723	70,415
Total wool:									
1943.....	255,021	29,591	302,998	218,367	41,715	291,212	4,363	677	5,863
1944.....	322,987	24,204	365,327	290,205	33,293	353,388	8,111	894	10,075
1945.....	331,617	39,409	396,925	260,594	36,298	322,453	51,981	9,540	68,195
1946.....	328,306	36,923	389,643	235,766	21,429	272,873	83,211	17,775	112,546
1947.....	93,871	14,524	117,945	44,110	3,640	50,562	-9,004	11,119	67,199
1948.....	1,190	8,145	13,668	426	1,013	1,990	763	7,136	11,684
Total.....	1,332,992	152,796	1,585,504	1,049,468	137,388	1,292,478	197,433	47,141	275,562

<sup>1</sup> The program year for 1943 extended from Apr. 23, 1943, to Mar. 31, 1944, for shorn wool, and to Apr. 30, 1944, for pulled wool; the program year for 1944 extended from the termination of the previous program to Dec. 31, 1944; the program year for 1945 extended from Jan. 1, 1945, to Mar. 31, 1946; the program year for 1946 extended from Apr. 1, 1946, to Apr. 15, 1947; the program year for 1947 extended from Aug. 15, 1947, to Dec. 31, 1947; the program year for 1948 became effective Jan. 1, 1948.

<sup>2</sup> The conversion factor used for scoured shorn wool, is 2.5; for scoured pulled wool, 1.5. As the wool is reweighed at the time of sale, purchases do not equate to sales plus stocks.

Bureau of Agricultural Economics. This tabulation is based on monthly handlers' reports to the Livestock Branch, Production and Marketing Administration, and on data of the Commodity Credit Corporation.

## FOOTNOTES FOR TABLE 476

<sup>1</sup> For summary purposes, wool produced mostly in the spring in the Northern Hemisphere is combined with that produced in the season beginning July 1 or Oct. 1 of the same year in the Southern Hemisphere. Pulled wool is included for most countries at its greasy equivalent.

<sup>2</sup> Preliminary.

<sup>3</sup> Includes estimates for Mexico, Newfoundland, Netherlands West Indies, Guatemala, and El Salvador.

<sup>4</sup> Includes Southern Dobruja with Bulgaria and excludes it from Rumania for these years.

<sup>5</sup> Data for years 1945 and 1946 not comparable with prewar and 1947.

<sup>6</sup> Includes estimates for countries producing 2 million pounds or less, namely Austria, Belgium, Czechoslovakia, Denmark, Iceland, Sweden, and Switzerland.

<sup>7</sup> Includes China Proper (22 provinces), Manchuria, Jehol, and Sinkiang (Turkestan).

<sup>8</sup> Includes estimates for Cyprus, Palestine, Trans-Jordan and Outer Mongolia.

<sup>9</sup> Based on estimates of the Buenos Aires Branch, First National Bank of Boston.

<sup>10</sup> Estimates based largely on production in Rio Grande do Sul, which produces about 80 percent of the total.

<sup>11</sup> Based on surveys of the Junta Nacional de la Industria Lanar.

<sup>12</sup> Estimates of the Camara Mercantil de Productos del Pais (Mercantile Exchange of Uruguay).

<sup>13</sup> Includes relatively small production in Bolivia, Colombia, Ecuador, Falkland Islands, Paraguay, and Venezuela.

<sup>14</sup> Union of South Africa, Union Protectorates, and South West Africa.

<sup>15</sup> Includes estimates for Kenya, French West Africa and Togo, and Libya.

<sup>16</sup> Rounded to tens of millions.

Office of Foreign Agricultural Relations. Prepared or estimated on the basis of official statistics of foreign governments, reports of United States foreign service officers, results of office research, and other information. Estimates for countries having changed boundaries have been adjusted to prewar boundaries except as noted.

TABLE 478.—Wool: Reported mill consumption, United States, 1938-47

Year	Grease basis <sup>1</sup>									Scoured basis <sup>4</sup>	
	Apparel						Carpet (duty-free) <sup>3</sup>			Apparel	Carpet
	Domestic			Foreign (dutyable) <sup>3</sup>							
	Shorn	Pulled	Total	Shorn	Pulled	Total	Shorn	Pulled	Total		
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds
1938	376.6	60.4	437.0	29.8	7.7	37.5	89.2	3.5	92.7	219.6	64.9
1939	484.8	66.5	551.3	66.6	12.3	78.9	142.6	5.9	148.5	293.1	103.4
1940	422.7	64.1	486.8	139.7	14.4	154.1	132.5	5.0	137.5	310.0	97.8
1941	430.2	63.7	493.9	450.7	32.4	483.1	182.6	7.4	190.1	515.7	132.3
1942 <sup>5</sup>	463.3	77.3	540.6	484.1	52.5	536.6	57.5	3.4	60.9	571.4	44.0
1943 <sup>5</sup>	355.6	74.9	430.5	559.1	71.9	631.0	40.8	2.9	43.7	591.9	32.2
1944	261.7	56.9	318.6	606.8	83.6	690.4	56.3	4.8	61.2	577.0	45.8
1945	197.1	54.7	251.8	675.6	85.4	761.0	72.2	3.9	76.1	589.2	53.9
1946 <sup>5</sup>	174.9	54.2	229.1	732.5	89.3	821.8	169.3	10.4	179.7	609.6	127.9
1947 <sup>5</sup>	333.6	48.2	381.8	540.3	59.3	599.6	224.0	16.6	240.6	525.9	172.3

<sup>1</sup> Total mill consumption of greasy and scoured shorn wool converted to a greasy shorn equivalent and total consumption of greasy and scoured pulled wool converted to a greasy pulled equivalent.

<sup>2</sup> Prior to 1942 includes a small amount of duty-free foreign wool and excludes a small amount of duty-paid foreign wool.

<sup>3</sup> Prior to 1942 includes Donskoi, Smyrna, East Indian, Chinese and similar wools, particularly suitable for floor coverings, and excludes all other wool, whether duty-free or dutiable.

<sup>4</sup> Total consumption of greasy and scoured wool (both shorn and pulled) converted to a scoured basis.

<sup>5</sup> 52-week totals computed from weekly averages for reporting year, which covered 51 weeks in 1942 and 53 weeks in 1943 and 1947. <sup>6</sup> Revised.

Bureau of Agricultural Economics. Compiled from wool consumption reports of the Bureau of the Census.

TABLE 479.—Wool: Average price per pound, Boston and London, 1938-47

Market and classification	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947
	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents
Boston:										
Clean basis, Territory: <sup>1</sup>										
Grades 64's, 70's, 80's, fine combing...	70	83	96	109	119	118	119	119	119	122
Grade 56's, 3/8 blood combing.....	59	69	80	91	103	104	104	104	104	108
Grease basis, Bright Fleece: <sup>2</sup> Grade 56's, 3/8 blood combing.....	30	36	41	47	52	54	54	54	54	56
London:										
Clean basis:										
Grade 64's, 70's.....	52	( <sup>3</sup> )								115
Grade 56's.....	37	( <sup>4</sup> )								475

<sup>1</sup> Wools grown under range conditions. Territory wools show a wide variation in shrinkage and color.

<sup>2</sup> Wools that are bright in color and of relatively light shrinkage. Nearly all the wools grown in the States east of the Mississippi River are of this type. Bright wools are also grown in parts of Minnesota, Iowa, and Missouri. Wools from Kentucky, Virginia, and Tennessee usually bring prices from 1 to 3 cents per pound, grease basis, above other bright fleeces, because of their lighter shrinkage. Prior to 1938, the "Bright Fleece" wools were designated as "Ohio and Pennsylvania" wools.

<sup>3</sup> London wool auctions were suspended at outbreak of war. Supplies and prices under Government control. No quotations after July 1939.

<sup>4</sup> 10-month average.

Production and Marketing Administration and Bureau of Agricultural Economics.

TABLE 480.—Wool-top futures: Volume of trading and annual average of month-end open contracts, Wool Associates of the New York Cotton Exchange, Inc., 1938-47

Year beginning April—	Annual volume of trading	Average open contracts	Year beginning April—	Annual volume of trading	Average open contracts	Year beginning April—	Annual volume of trading	Average open contracts
	Million pounds	Million pounds		Million pounds	Million pounds		Million pounds	Million pounds
1938	68.0	6.9	1942	38.3	3.8	1946	20.0	4.4
1939	144.4	9.6	1943	39.1	4.2	1947	28.7	4.1
1940	161.7	8.8	1944	43.0	4.8			
1941	64.2	4.4	1945	37.7	5.6			

<sup>1</sup> 9-month average. Comparable data not available prior to July 1938.

Commodity Exchange Authority. Figures beginning Aug. 1, 1938, compiled from daily reports from exchange clearing members; prior data obtained from the Wool Associates of the New York Cotton Exchange, Inc.



TABLE 481.—Wool: International trade, average 1935-39, annual 1946 and 1947

Continent and country	Average 1935-39		1946		1947 <sup>1</sup>	
	Exports	Imports	Exports	Imports	Exports	Imports
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
North America:						
Canada.....	6,241	19,337	4,481	53,169	3,131	39,339
Mexico.....	( <sup>2</sup> )	2,041	5	12,115	( <sup>2</sup> )	9,140
United States.....	325	224,498	13,388	1,246,727	12,720	644,000
Total.....	6,566	245,876	17,874	1,312,011		
Europe:						
Austria.....	183	* 20,900	0	0	( <sup>3</sup> )	( <sup>3</sup> )
Belgium.....	98,316	226,345	16,252	259,206	69,549	260,286
Bulgaria.....	4	1,693	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Czechoslovakia.....	* 1,050	* 36,387	0	25,006	0	64,241
Denmark.....	353	4,149	798	9,081	621	12,867
Eire.....	14,250	691	8,355	4,413	8,749	5,304
Estonia.....	0	* 793	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Finland.....	0	5,772	0	3,157	( <sup>3</sup> )	( <sup>3</sup> )
France.....	59,575	403,345	3,494	573,549	6,700	346,063
Germany.....	0	259,932	0	0	( <sup>3</sup> )	( <sup>3</sup> )
Greece.....	1,706	7,717	0	1,215	0	4,250
Hungary.....	839	2,126	0	1,247	0	7,765
Iceland.....	1,512	0	1,700	0	3,000	0
Italy.....	1,040	78,958	577	167,463	* 1,993	* 306,147
Latvia.....	0	* 1,885	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Lithuania.....	0	1,010	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Netherlands.....	3,908	16,318	4,797	32,419	1,014	6,059
Norway.....	272	2,161		1,767		8,862
Poland.....	* 80	* 46,045	0	* 42,461	( <sup>3</sup> )	( <sup>3</sup> )
Portugal.....	2,188	3,377	88	14,610	( <sup>3</sup> )	23,992
Rumania.....	600	1,334	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Spain.....	10 2,195	10 12,236	1 2,424	1 7,301	( <sup>3</sup> )	( <sup>3</sup> )
Sweden.....	427	16,885	5,894	39,270	( <sup>3</sup> )	37,522
Switzerland.....	271	17,234	1,829	37,639	501	30,392
United Kingdom.....	26,072	628,893	41,185	475,257	25,792	620,832
Yugoslavia.....	1,143	8,179	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Total.....	215,984	1,804,365	87,393	1,703,233		
U. S. S. R.....	0	* 63,862	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Asia:						
Cyprus.....	1,226	0	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Iran.....	12,890	0	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Iraq.....	13,651	0	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Syria and Lebanon.....	* 5,787	* 386	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Turkey.....	17,639	1,182	1,159	10,399	( <sup>3</sup> )	( <sup>3</sup> )
China.....	23,608	0	1,036	0	( <sup>3</sup> )	0
Japan.....	0	188,257	0	( <sup>3</sup> )	0	( <sup>3</sup> )
Total.....	74,801	189,825	2,195	10,399		
South America:						
Argentina.....	305,725	80	452,432	0	410,000	0
Bolivia.....	0	166	0	2,814	0	( <sup>3</sup> )
Brazil.....	10,151	3,783	4,796	3,967	9,325	4,047
Chile.....	23,335	769	16,667	3,904	13,148	2,110
Ecuador.....	132	0	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Falkland Islands.....	4,084	0	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Peru.....	5,130	0	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Uruguay.....	105,478	0	151,377	0	169,711	0
Total.....	454,035	4,798	625,272	10,685		
Africa:						
Algeria.....	12,822	0	1 741	1 3,366	( <sup>3</sup> )	( <sup>3</sup> )
Egypt and Sudan.....	4,489	0	1 7,181	1 1,851	641	2,800
French Morocco.....	10,038	0	1 4,931	1 2,466	2,590	5,260
Tunisia.....	* 3,241	0	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Union of South Africa.....	228,555	0	467,526	0	220,000	0
Total.....	250,143	0	480,379	6,463		
Oceania:						
Australia.....	821,740	0	1,168,964	0	865,990	0
New Zealand.....	275,618	0	365,199	0	357,811	0
Total.....	1,095,358	0	1,534,163	0		
World total.....	2,105,887	2,308,726	2,747,276	3,042,791		

For footnotes see bottom of page 383.

TABLE 482.—Goats and mohair: Number of goats clipped, mohair production, average price per pound received by farmers, and cash receipts, 7 principal producing States, 1930-47

Year	Goats clipped	Average clip per goat <sup>1</sup>	Mohair production	Price per pound	Cash receipts	Year	Goats clipped	Average clip per goat <sup>1</sup>	Mohair production	Price per pound	Cash receipts
	Thousands	Pounds	1,000 pounds	Cents	1,000 dollars		Thousands	Pounds	1,000 pounds	Cents	1,000 dollars
1930.....	4,241	4.1	17,583	33.5	5,887	1939.....	4,068	4.6	18,785	47.3	8,882
1931.....	4,457	4.3	19,376	16.6	3,224	1940.....	4,297	4.9	21,144	49.7	10,504
1932.....	4,201	4.0	16,935	9.0	1,520	1941.....	4,542	4.8	21,766	56.9	12,389
1933.....	4,092	4.0	16,539	29.2	4,834	1942.....	4,322	4.8	20,676	49.3	10,203
1934.....	3,916	4.1	16,182	18.8	3,047	1943.....	4,276	4.7	20,156	57.1	11,518
1935.....	3,565	4.4	15,720	36.4	5,716	1944.....	4,109	5.0	20,467	60.1	12,306
1936.....	3,715	4.3	16,124	53.7	8,653	1945.....	4,291	5.1	22,038	55.3	12,192
1937.....	3,774	4.4	16,528	54.0	8,918	1946.....	3,943	4.9	19,329	61.1	11,893
1938.....	3,918	4.3	16,827	34.8	6,863	1947 <sup>2</sup> .....	3,729	5.0	18,476	60.2	11,119

<sup>1</sup> In States where goats are clipped twice a year, the number clipped is the sum of the goats and kids clipped in the spring and of kids clipped in the fall.

<sup>2</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1920-29 in Agricultural Statistics, 1942, table 566.

#### FOOTNOTES FOR TABLE 481

<sup>1</sup> Preliminary.

<sup>2</sup> Less than 500 pounds.

<sup>3</sup> 4-year average 1935 to 1938.

<sup>4</sup> Beginning April 1938, trade between Austria and Germany no longer reported as foreign trade in German statistics. The same applies to trade between Czechoslovakia for the period October to December 1938.

<sup>5</sup> Not available.

<sup>6</sup> Not reported separately,—includes all types of wool.

<sup>7</sup> Imports commenced September 1947.

<sup>8</sup> Includes scoured, dyed, and waste.

<sup>9</sup> UNRRA supplied 37 million pounds. The rest was supplied by U.S.S.R.

<sup>10</sup> Two-year average.

Office of Foreign Agricultural Relations. Prepared or estimated from official statistics of foreign governments, reports of United States foreign-service officers, and other information.

TABLE 483.—Goats and mohair: Number of goats clipped, mohair production, average price per pound received by farmers, and cash receipts, by principal producing States, average 1936-45, annual 1946 and 1947

State	Goats clipped <sup>1</sup>			Average clip per goat			Mohair production			Price per pound			Cash receipts		
	Average 1936-45	1946	1947 <sup>2</sup>	Average 1936-45	1946	1947 <sup>2</sup>	Average 1936-45	1946	1947 <sup>2</sup>	Average 1936-45	1946	1947 <sup>2</sup>	Average 1936-45	1946	1947 <sup>2</sup>
	Thousands	Thousands	Thousands	Pounds	Pounds	Pounds	1,000 pounds	1,000 pounds	1,000 pounds	Cents	Cents	Cents	1,000 dollars	1,000 dollars	1,000 dollars
Missouri.....	88	67	61	2.4	2.6	2.9	16,212	17,830	17,477	53	40	38	82	82	82
Texas.....	3,481	3,597	3,443	4.8	5.0	5.1	16,202	17,830	17,477	53	40	38	8,944	8,944	8,944
New Mexico.....	193	193	72	4.9	5.0	5.1	944	616	616	48	54	53	446	446	446
Arizona.....	201	105	72	4.0	4.0	3.2	783	420	232	46	53	52	369	223	195
Utah.....	31	10	4	5.3	4.4	3.0	102	44	12	40	43	37	65	19	121
Oregon.....	110	58	57	4.0	3.5	3.8	441	203	217	41	44	42	180	89	91
California.....	26	20	18	3.6	3.6	3.5	95	72	63	39	40	37	37	29	23
Total.....	4,131	3,943	3,729	4.7	4.9	5.0	19,451	19,329	18,476	51.8	61.1	60.2	10,144	11,803	11,119

<sup>1</sup> In States where goats are clipped twice a year, the number clipped is the sum of goats and kids clipped in the spring and of kids clipped in the fall.

<sup>2</sup> Preliminary.

Bureau of Agricultural Economics.

TABLE 484.—Meat and meat food products from foreign countries federally inspected and passed for entry into the United States, 1938-47

Year	Chilled and frozen fresh meats			Cured meat	Canned meat	Sausage (not canned)	Other products <sup>1</sup>	Total
	Beef and veal	Mutton and lamb	Pork					
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1938.....	1,977.9	0.3	4,478.7	4,509.0	117,225.2	820.6	3,699.4	132,670.1
1939.....	3,057.7	240.6	2,305.1	5,937.2	131,454.9	731.0	4,294.1	146,018.6
1940.....	13,103.4	54.4	3,270.9	1,895.5	58,263.3	353.0	4,955.7	81,896.2
1941.....	42,044.3	348.9	10,648.2	3,023.9	100,715.7	196.8	12,301.7	169,279.5
1942.....	17,082.3	449.2	11.2	3,465.8	96,888.0	391.4	22,605.7	140,893.6
1943.....	1,152.9	778.3	-----	6,458.0	85,605.5	2,169.4	9,062.4	105,226.5
1944.....	3,431.2	5.3	-----	2,474.2	33,680.0	208.6	6,811.9	46,611.2
1945.....	4,079.4	-----	9.7	12,266.0	54,108.0	236.4	9,273.2	79,972.7
1946.....	3,126.5	9.5	152.2	11,707.3	61,221.2	82.7	2,888.1	79,187.5
1947.....	1,380.0	-----	56.3	3,538.9	37,232.9	11.1	2,438.7	44,657.9

<sup>1</sup> Includes oleo stock, oleo oil, oleostearin, edible tallow, extracts and bouillon cubes, pastes, etc.  
Bureau of Animal Industry.

TABLE 485.—Meat and meat food products prepared and processed under Federal inspection, 1941-47<sup>1</sup>

Product	1941	1942	1943	1944	1945	1946	1947
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Meat placed in cure:							
Beef.....	136,823	125,067	148,108	117,781	113,129	68,442	124,029
Pork.....	2,888,336	3,183,183	3,646,583	3,688,109	2,402,085	2,577,861	3,029,593
Smoked and/or dried:							
Beef.....	60,169	65,458	42,900	62,615	44,242	28,072	68,103
Pork.....	1,680,689	1,812,574	2,210,387	2,257,538	1,487,354	1,599,312	1,840,341
Sausage:							
Fresh, finished.....	148,260	200,384	301,444	416,235	479,161	315,569	246,968
Smoked and/or cooked.....	642,202	811,937	985,358	1,029,976	1,101,153	973,675	1,019,089
To be dried or semidried.....	124,233	118,963	144,950	142,192	135,851	109,398	136,503
Loaf, headcheese, chile con carne, jellied products, etc.....	142,301	182,066	241,110	209,064	249,762	208,499	101,123
Cooked meat:							
Beef.....	6,863	12,583	28,640	32,923	32,712	24,726	33,339
Pork.....	255,943	259,227	362,004	486,679	323,096	426,106	526,138
Canned meat and meat food products:							
Beef.....	107,340	157,950	109,467	187,107	268,385	146,173	136,452
Pork.....	462,855	977,633	1,211,601	884,390	850,530	644,266	447,471
Sausage.....	92,719	285,430	239,986	229,024	151,865	70,192	117,976
Soup.....	277,093	251,922	218,255	303,533	339,860	392,618	419,173
All other.....	221,005	505,569	490,143	630,174	655,280	482,204	397,479
Bacon, sliced.....	319,025	356,749	488,745	549,937	382,675	522,913	589,091
Lard:							
Rendered.....	1,367,292	1,540,725	1,863,781	2,135,936	1,213,855	1,263,212	1,632,740
Refined.....	1,191,730	1,390,726	1,516,397	1,647,097	1,005,257	1,046,816	1,234,736
Canned.....	13,032	13,366	-----	-----	-----	-----	-----
Rendered pork fat:							
Rendered.....	158,565	183,737	215,875	230,961	97,089	80,297	89,729
Refined.....	70,640	105,878	125,653	124,685	66,472	54,808	50,602
Canned.....	5,730	5,952	-----	-----	-----	-----	-----
Oleo stock.....	141,691	152,853	145,385	125,262	135,190	81,867	100,404
Edible tallow.....	68,916	92,435	115,280	84,575	103,358	62,150	88,432
Compound containing animal fat.....	231,922	287,067	328,304	241,224	284,472	263,166	253,774
Oleomargarine containing animal fat.....	52,401	57,726	60,811	52,209	49,666	33,284	36,292
Miscellaneous.....	44,124	33,084	40,698	62,403	46,631	40,452	60,473
Total.....	10,921,808	13,170,244	15,371,865	15,931,549	12,019,160	11,515,993	12,870,064

<sup>1</sup> The figures in this table do not represent production, as a product may be inspected more than once in course of further manufacture.

Bureau of Animal Industry. Data for 1928-39 in Agricultural Statistics, 1940, table 552. Data for 1940 in the 1941 book, table 547.

TABLE 486.—*Meat<sup>1</sup>: Production of beef and veal, pork, mutton and lamb, and total meats in specified countries, average 1934-38, annual 1946 and 1947*

(Preliminary)

Continent and country	Beef and veal			Pork (excluding lard)			Mutton and lamb			Total <sup>1</sup>		
	Average 1934-38	1946	1947	Average 1934-38	1946	1947	Average 1934-38	1946	1947	Average 1934-38	1946	1947
	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.
North America:												
Canada <sup>2</sup> .....	735	1,185	1,089	621	994	972	61	71	67	1,417	2,250	2,128
Mexico.....	492	614	595	167	243	265	14	18	18	698	902	904
United States <sup>3</sup> .....	7,971	10,818	12,000	7,337	11,173	10,500	871	970	800	16,182	22,661	23,300
Cuba <sup>4</sup> .....	269	311	315	38	38	43	2	2	2	309	351	360
Europe:												
Austria <sup>5</sup> .....	231	145	170	359	150	210	* 18	* 2	* 5	617	300	390
Belgium.....	304	179	224	367	210	225	7	10	7	693	420	496
Bulgaria <sup>6</sup> .....	105	63	85	134	83	95	88	51	80	337	212	280
Czechoslovakia <sup>7</sup> .....	411	377	520	480	300	424	6	4	3	912	703	975
Denmark.....	316	365	430	675	432	449	6	10	9	1,006	829	905
Eire.....	103	190	180	196	135	135	37	55	45	336	380	360
Finland.....	139	86	95	104	56	88	11	10	12	254	160	220
France.....	1,947	1,654	1,800	1,419	850	1,040	* 218	* 110	* 130	3,684	2,701	3,115
Germany <sup>8</sup> .....	1,300	850	950	2,140	770	790	40	38	40	3,510	1,675	1,790
Greece <sup>9</sup> .....	32	25	30	27	25	30	* 136	* 105	* 110	195	155	170
Hungary <sup>10</sup> .....	121	.....	.....	386	.....	.....	22	.....	.....	538	300	500
Italy.....	732	<sup>11</sup> 479	<sup>11</sup> 545	675	<sup>11</sup> 475	<sup>11</sup> 585	* 108	* <sup>11</sup> 82	* <sup>11</sup> 90	1,542	<sup>11</sup> 1,066	<sup>11</sup> 1,253
Netherlands.....	308	196	245	548	172	200	20	9	5	894	386	467
Norway <sup>11</sup> .....	94	108	95	89	44	41	32	31	31	223	195	178
Poland <sup>12</sup> .....	528	195	310	1,032	495	780	22	8	10	1,598	705	1,105
Rumania.....	247	.....	.....	222	.....	.....	* 188	.....	* 9	637	.....	662
Sweden <sup>13</sup> .....	292	273	308	327	309	308	4	3	3	419	259	298
Switzerland.....	217	154	184	190	94	103	.....	.....	.....	.....	.....	.....
United Kingdom.....	1,380	1,281	1,143	890	367	300	455	341	257	2,725	1,989	1,700
Yugoslavia.....	243	.....	.....	476	.....	.....	* 147	.....	.....	888	.....	.....
U.S.S.R. <sup>14</sup> .....	2,855	.....	.....	3,459	.....	.....	978	.....	.....	7,292	.....	.....
South America:												
Argentina <sup>15</sup> .....	3,838	3,866	4,630	243	421	270	378	742	780	4,459	5,029	5,680
Brazil <sup>16</sup> .....	1,821	1,622	1,700	487	507	510	15	49	50	2,331	2,204	2,285
Chile.....	235	285	261	39	53	52	72	103	85	340	442	400
Paraguay.....	<sup>15</sup> 87	200	220	.....	.....	.....	.....	.....	.....	<sup>15</sup> 87	200	220
Uruguay <sup>17</sup> .....	495	418	342	14	31	23	62	61	45	571	500	410
Africa:												
Union of South Africa.....	421	627	635	64	62	70	* 186	* 194	* 185	671	883	880
Oceania:												
Australia.....	<sup>11</sup> 1,190	981	1,102	<sup>11</sup> 195	240	206	<sup>11</sup> 709	716	718	<sup>11</sup> 2,094	1,937	2,026
New Zealand <sup>18</sup> .....	365	395	428	106	83	85	553	697	703	1,024	1,175	1,216

<sup>1</sup> Carcass meat basis.—excludes edible offal and lard.<sup>2</sup> Includes other meats, such as horse and goat meat. Excludes offal, rabbit and poultry meat.<sup>3</sup> Averages for years 1935-1939.<sup>4</sup> Averages for years 1936-1940.<sup>5</sup> Averages for years 1938-37.<sup>6</sup> Includes goat meat.<sup>7</sup> Averages for years 1935-38. Includes Southern Dobrudia in 1946 and 1947.<sup>8</sup> Year 1938 only for prewar. Excludes Sub-Carpathian Russia.<sup>9</sup> Bizone (U. S.—U. K.) only.<sup>10</sup> Averages for years 1936-38.<sup>11</sup> Year beginning July 1.<sup>12</sup> Data for 1946 and 1947 relate to territory within present boundaries.<sup>13</sup> Year 1938.<sup>14</sup> Excludes farm production of pork for farm consumption.<sup>15</sup> Excludes farm production.<sup>16</sup> Year beginning June 1 for years 1936-38; year beginning Oct. 1 of preceding year for years 1946 and 1947.

Office of Foreign Agricultural Relations. Prepared or estimated from official statistics, United States foreign service reports, and other information. Data relate to prewar boundaries, unless otherwise noted.

## GRADING OF MEATS

387

TABLE 487.—Total meats, meat products, and by-products officially graded, United States, 1938-47<sup>1</sup>

Year	Fresh and frozen <sup>2</sup>					Meats, canned <sup>3</sup>	Meats, cured <sup>4</sup>
	Beef	Veal	Lamb	Mutton	Pork		
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1938	602,809	6,180	28,015		3,864		33,137
1939	512,017	5,684	24,214		8,054		39,245
1940	578,436	6,896	21,568	3,197	7,898		15,560
1941	789,894	9,701	29,417	2,768	9,608	188,449	237,779
1942	1,485,197	105,535	74,143	3,959	98,890	875,556	395,395
1943	6,710,715	784,869	774,038	216,734	389,269	1,024,801	472,273
1944	8,355,997	1,450,752	855,275	211,204	544,874	418,628	456,166
1945	9,176,786	1,319,006	769,691	254,599	180,528	359,558	210,409
1946	6,849,566	911,661	684,915	148,893	112,022	157,147	127,289
1947	2,931,463	236,525	188,428	20,442	13,607		20,763

Year	Lard	Lard substitutes and edible tallow	Sausage and ground meats	Miscellaneous meats	Total meats and lard <sup>5</sup>	Oleomargarine and oil	Hog casings <sup>6</sup>	Beef bungs	Horse meat, canned and cured
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 bundles	1,000 pieces	1,000 pounds
1938	751	143	40,957	1,976	717,432				
1939	950	135	42,737	2,098	635,134				
1940	1,069	196	12,699	3,325	650,844				
1941	257,006	273	6,962	4,507	1,536,364	2,398	1,423	193	
1942	622,524	19,555	7,252	3,253	3,691,259	65,029	3,886	309	
1943	759,625	13,811	7,303	3,037	11,156,475	117,527	2,895	4,881	
1944	929,115	1,401	16,854	8,574	13,278,840	158,723			
1945	256,242	1,920	20,308	5,343	12,554,359	72,818	1,094		
1946	274,792	852	9,163	2,987	9,279,288	22,048	5		31,701
1947	99,060	587	10,246	5,658	3,526,779	7,947			23,245

<sup>1</sup> Based on estimated weight of carcasses and meat products. Includes all gradings for the Commodity Credit Corporation for the period 1941-47.<sup>2</sup> National Live Stock and Meat Board cooperating.<sup>3</sup> In the commercial grading, canned meats are included with cured meats. The figures shown in this table for canned meats are exclusively those for gradings in behalf of the Commodity Credit Corporation.<sup>4</sup> Totals based on rounded numbers.<sup>5</sup> 100 yards to the bundle.

Production and Marketing Administration. Data for 1932-37 in Agricultural Statistics, 1942, table 570.

TABLE 488.—Meats officially graded, by grades, United States, 1947<sup>1</sup>

QUANTITY GRADED							
Classification	Prime	Choice	Good	Commercial	Utility <sup>2</sup>	Cutter and canner	All grades
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Beef.....	5,665	305,090	1,536,474	693,625	252,664	137,946	2,931,463
Veal.....	36	38,021	116,689	57,671	24,108	-----	236,525
Lamb.....	67	78,084	87,587	20,448	2,243	-----	188,428
Mutton.....	-----	1,694	9,027	6,563	3,157	-----	20,442
PERCENTAGE OF TOTAL							
	Percent	Percent	Percent	Percent	Percent	Percent	Percent
Beef.....	0.2	10.4	52.4	23.7	8.6	4.7	100.0
Veal.....	.0	16.1	49.3	24.4	10.2	-----	100.0
Lamb.....	.0	41.4	46.5	10.9	1.2	-----	100.0
Mutton.....	-----	8.3	44.2	32.1	15.4	-----	100.0

<sup>1</sup> Figures shown are computed from estimated weights.<sup>2</sup> Includes Cull grade for veal, lamb, and mutton.

Production and Marketing Administration. Grading of meats was officially required by law during World War II, but was restored to a voluntary basis on Oct. 16, 1946. Data for 1946 in Agricultural Statistics, 1947, table 474.

TABLE 489.—Frozen and cured meats and lard: Cold-storage holdings as of the annual peak and low point, 1938-47

Year	Frozen and cured beef		Frozen and cured pork		Frozen lamb and mutton		Edible offal <sup>1</sup>		Lard and rendered pork fat	
	High (Dec. 1)	Low (Sept. 1)	High (Mar. 1)	Low (Nov. 1)	High (Dec. 1)	Low (Oct. 1)	High (Feb. 1)	Low (Nov. 1)	High (July 1)	Low (Dec. 1)
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1938.....	<sup>2</sup> 60,970	<sup>3</sup> 33,601	<sup>4</sup> 582,654	<sup>5</sup> 251,645	<sup>6</sup> 3,523	<sup>7</sup> 1,861	<sup>8</sup> 81,179	<sup>9</sup> 50,268	<sup>10</sup> 126,066	<sup>11</sup> 53,603
1939.....	<sup>2</sup> 67,672	<sup>3</sup> 33,027	<sup>4</sup> 542,138	<sup>5</sup> 272,655	<sup>6</sup> 4,187	<sup>7</sup> 1,791	<sup>8</sup> 76,238	<sup>9</sup> 57,519	<sup>10</sup> 148,377	<sup>11</sup> 68,738
1940.....	<sup>2</sup> 78,573	<sup>3</sup> 35,063	<sup>4</sup> 652,733	<sup>5</sup> 303,712	<sup>6</sup> 4,803	<sup>7</sup> 3,192	<sup>8</sup> 106,654	<sup>9</sup> 83,062	<sup>10</sup> 306,774	<sup>11</sup> 162,105
1941.....	<sup>2</sup> 114,330	<sup>3</sup> 65,708	<sup>4</sup> 798,455	<sup>5</sup> 313,298	<sup>6</sup> 6,432	<sup>7</sup> 3,211	<sup>8</sup> 101,764	<sup>9</sup> 63,553	<sup>10</sup> 382,506	<sup>11</sup> 176,465
1942.....	<sup>2</sup> 150,410	<sup>3</sup> 81,556	<sup>4</sup> 616,604	<sup>5</sup> 257,445	<sup>6</sup> 26,462	<sup>7</sup> 5,313	<sup>8</sup> 123,229	<sup>9</sup> 71,555	<sup>10</sup> 209,470	<sup>11</sup> 57,434
1943.....	<sup>2</sup> 186,326	<sup>3</sup> 81,744	<sup>4</sup> 627,399	<sup>5</sup> 341,433	<sup>6</sup> 34,819	<sup>7</sup> 7,808	<sup>8</sup> 115,825	<sup>9</sup> 78,902	<sup>10</sup> 260,009	<sup>11</sup> 91,333
1944.....	<sup>2</sup> 293,971	<sup>3</sup> 114,589	<sup>4</sup> 803,357	<sup>5</sup> 296,815	<sup>6</sup> 34,599	<sup>7</sup> 12,721	<sup>8</sup> 152,090	<sup>9</sup> 34,672	<sup>10</sup> 149,235	<sup>11</sup> 90,536
1945.....	<sup>2</sup> 266,943	<sup>3</sup> 107,171	<sup>4</sup> 407,202	<sup>5</sup> 168,028	<sup>6</sup> 20,183	<sup>7</sup> 9,177	<sup>8</sup> 37,009	<sup>9</sup> 23,391	<sup>10</sup> 98,483	<sup>11</sup> 49,728
1946.....	<sup>2</sup> 179,153	<sup>3</sup> 58,749	<sup>4</sup> 426,545	<sup>5</sup> 99,859	<sup>6</sup> 19,189	<sup>7</sup> 8,844	<sup>8</sup> 49,196	<sup>9</sup> 21,631	<sup>10</sup> 90,181	<sup>11</sup> 30,021
1947.....	<sup>2</sup> 191,481	<sup>3</sup> 85,317	<sup>4</sup> 399,473	<sup>5</sup> 187,971	<sup>6</sup> 17,280	<sup>7</sup> 6,645	<sup>8</sup> 70,704	<sup>9</sup> 50,544	<sup>10</sup> 193,736	<sup>11</sup> 73,377

<sup>1</sup> Prior to July 1, 1944, trimmings were included with this item; since that date trimmings have been included with the appropriate meat.<sup>2</sup> Jan. 1. <sup>3</sup> June 1. <sup>4</sup> Mar. 1. <sup>5</sup> Sept. 1. <sup>6</sup> Nov. 1. <sup>7</sup> Feb. 1. <sup>8</sup> Apr. 1. <sup>9</sup> Aug. 1. <sup>10</sup> July 1. <sup>11</sup> Dec. 1. <sup>12</sup> May 1. <sup>13</sup> Oct. 1.

Production and Marketing Administration.



TABLE 490.—Meats (dressed-meat basis) and lard: Production, total and per capita consumption, United States, 1929-47<sup>1</sup>

Year	Beef			Veal			Lamb and mutton			Pork excluding lard			All meats			Lard		
	Pro- duction	Consumption		Pro- duction	Consumption		Pro- duction	Consumption		Pro- duction	Consumption		Pro- duction	Consumption		Pro- duction	Consumption	
		Total	Per capita		Total	Per capita		Total	Per capita		Total	Per capita		Total	Per capita		Total	Per capita
1929	Mil. lb.	Mil. lb.	Lb.	Mil. lb.	Mil. lb.	Lb.	Mil. lb.	Mil. lb.	Lb.	Mil. lb.	Mil. lb.	Lb.	Mil. lb.	Mil. lb.	Lb.	Mil. lb.	Mil. lb.	Lb.
1930	5,871	6,048	46.3	761	766	6.3	652	655	5.6	8,833	8,483	68.2	16,147	15,982	130.4	2,461	1,598	13.0
1931	5,917	6,021	45.6	792	794	6.4	825	824	6.7	8,482	8,245	66.6	16,016	15,884	128.3	2,227	1,584	12.8
1932	6,009	6,023	45.3	823	823	6.6	885	886	7.1	8,739	8,477	67.9	16,456	16,211	129.9	2,207	1,706	13.7
1933	5,789	5,830	46.4	822	822	6.6	884	882	7.0	8,923	8,826	70.3	16,413	16,361	130.3	2,380	1,814	14.4
1934	6,440	6,469	51.2	891	891	7.1	852	849	7.3	9,234	8,985	70.3	17,417	17,094	136.3	2,475	1,772	14.0
1935	6,415	6,469	51.2	891	891	7.1	852	849	7.3	9,234	8,985	70.3	17,417	17,094	136.3	2,475	1,772	14.0
1936	6,415	6,469	51.2	891	891	7.1	852	849	7.3	9,234	8,985	70.3	17,417	17,094	136.3	2,475	1,772	14.0
1937	6,415	6,469	51.2	891	891	7.1	852	849	7.3	9,234	8,985	70.3	17,417	17,094	136.3	2,475	1,772	14.0
1938	6,415	6,469	51.2	891	891	7.1	852	849	7.3	9,234	8,985	70.3	17,417	17,094	136.3	2,475	1,772	14.0
1939	6,415	6,469	51.2	891	891	7.1	852	849	7.3	9,234	8,985	70.3	17,417	17,094	136.3	2,475	1,772	14.0
1940	6,415	6,469	51.2	891	891	7.1	852	849	7.3	9,234	8,985	70.3	17,417	17,094	136.3	2,475	1,772	14.0
1941	6,415	6,469	51.2	891	891	7.1	852	849	7.3	9,234	8,985	70.3	17,417	17,094	136.3	2,475	1,772	14.0
1942	6,415	6,469	51.2	891	891	7.1	852	849	7.3	9,234	8,985	70.3	17,417	17,094	136.3	2,475	1,772	14.0
1943	6,415	6,469	51.2	891	891	7.1	852	849	7.3	9,234	8,985	70.3	17,417	17,094	136.3	2,475	1,772	14.0
1944	6,415	6,469	51.2	891	891	7.1	852	849	7.3	9,234	8,985	70.3	17,417	17,094	136.3	2,475	1,772	14.0
1945	6,415	6,469	51.2	891	891	7.1	852	849	7.3	9,234	8,985	70.3	17,417	17,094	136.3	2,475	1,772	14.0
1946	6,415	6,469	51.2	891	891	7.1	852	849	7.3	9,234	8,985	70.3	17,417	17,094	136.3	2,475	1,772	14.0
1947	6,415	6,469	51.2	891	891	7.1	852	849	7.3	9,234	8,985	70.3	17,417	17,094	136.3	2,475	1,772	14.0

<sup>1</sup> Dressed-carcase weight of cattle, calves, sheep, and lambs; pork excluding lard is carcass weight of hogs minus an allowance for trimmable fat rendered for lard and rendered pork fat.

<sup>2</sup> Includes lard entering into manufactured products.

<sup>3</sup> Includes meat produced and consumed from animals slaughtered under the emergency Government relief-purchasing and hog-reduction programs, as follows:

Item	1933		1934		1935		1936	
	Pro- duced	Con- sumed	Pro- duced	Con- sumed	Pro- duced	Con- sumed	Pro- duced	Con- sumed
Beef	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.
Calves	151	141	151	141	151	141	151	141
Lamb & mutton	159	170	159	170	159	170	159	170
Pork	155	142	159	170	159	170	159	170

<sup>4</sup> The total apparent civilian consumption for the years 1941-47 was obtained by subtracting ending stocks, lend-lease, other exports, and military takings from the total supply. The per capita civilian consumption for each year was obtained by dividing the total apparent civilian consumption by the total population adjusted for underenumeration of children under 5 years of age, less military personnel eating from military supplies.

<sup>5</sup> Preliminary.

Bureau of Agricultural Economics.

TABLE 491.—Meat<sup>1</sup>: International trade, average 1934-38, annual 1946 and 1947

Continent and country	Average 1934-38		1946 <sup>2</sup>		1947 <sup>3</sup>	
	Exports	Imports	Exports	Imports	Exports	Imports
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
<b>North America:</b>						
Canada <sup>4</sup>	193,436	24,568	628,265	733	412,906	6,394
Mexico	23	1,130	6,245	171	15,358	812
United States <sup>5</sup>	114,600	262,090	1,129,300	22,000	281,400	64,000
Cuba	82	7,302	14	9,107	5	15,614
Total	308,100	295,000	1,763,800	32,000	709,700	86,800
<b>Europe:</b>						
Austria	760	13,097	( <sup>6</sup> )	* 83,800	( <sup>6</sup> )	* 42,100
Belgium	54,501	6,790	13,527	207,366	3,245	220,356
Bulgaria	4,715		13			
Czechoslovakia	637	5,275	( <sup>6</sup> )	* 130,700	11	* 37,000
Denmark <sup>7</sup>	534,141	758	283,300		313,805	
Eire	70,881	40	74,767		34,005	
Finland	6,435	1,257		8,486		* 5,600
France	4,698	51,958	667	273,253	4,993	143,942
Germany	4,148	156,081		* 44,100	( <sup>8</sup> )	* 23,400
Greece		2,689		* 68,700		* 10,600
Hungary	18,203		( <sup>8</sup> )	* 3,900	3,000	
Italy	11,597	73,542	31	117,900	1,847	68,908
Netherlands	85,571	21,974		87,704	2,152	21,388
Norway	2,244	4,378	150	12,386	162	1,801
Poland	113,490	62	( <sup>9</sup> )	* 149,400	( <sup>9</sup> )	* 79,800
Portugal <sup>8</sup>	936	525	305	5,809	357	16,750
Rumania	6,179		( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	* 300
Spain <sup>9</sup>	2,666	4,733	282	3,664	( <sup>9</sup> )	* 28,200
Sweden <sup>10</sup>	31,097	14,914	2	24,912		31,085
Switzerland	1,350	8,515	73	15,455	117	36,527
United Kingdom <sup>10</sup>	28,008	3,455,910	17,344	3,481,629	9,354	3,532,319
Yugoslavia	18,901			* 83,300	( <sup>11</sup> )	* 15,700
Total	1,007,600	3,822,500	392,800	4,802,500	375,700	4,315,800
<b>U. S. S. R.</b>	8,295	6,213		* 231,700	( <sup>12</sup> )	* 15,700
<b>South America:</b>						
Argentina	1,460,045		1,472,885		2,009,000	
Brazil	213,538	2,563	237,994	681	127,000	
Chile	20,977	70	26,186		16,995	
Paraguay	16,483		47,700		<sup>13</sup> 30,000	
Uruguay	323,623	44	288,581		149,780	
Total	2,034,700	2,700	2,073,300	700	2,332,800	
<b>Africa:</b>						
Madagascar	30,410	434	24,202	16	42,115	
Southern Rhodesia	18,601	186	14,085	401	11,810	
Union of South Africa	13,542	19,643	3,710	26,166	<sup>12</sup> 4,000	* 5,700
Total	62,500	20,300	42,000	26,600	57,900	5,700
<b>Oceania:</b>						
Australia <sup>14</sup>	495,742	7	517,358		537,283	
New Zealand	594,138		786,821		789,210	
Total	1,089,900		1,304,200		1,326,500	
Estimated world total	4,511,100	4,146,700	5,576,800	5,093,500	4,803,100	4,424,000

<sup>1</sup> All meats converted to a carcass-weight equivalent. Includes beef and veal, pork, mutton and lamb, goat and horse meat; excludes live animals, edible offal, lard, rabbit and poultry meat.

<sup>2</sup> Preliminary.

<sup>3</sup> Average for years 1935-39.

<sup>4</sup> Excludes exports of horse meat, which averaged 2 million pounds in 1935-39, 4 million in 1946 and 119 million in 1947.

<sup>5</sup> Not available.

<sup>6</sup> Based on exports from supplying countries reporting exports by destination.

<sup>7</sup> Includes carcass weight equivalent of live cattle exported.

<sup>8</sup> Averages for years 1934-37.

<sup>9</sup> Averages for years 1931-35.

<sup>10</sup> Includes edible offal.

<sup>11</sup> Based on imports into receiving countries reporting imports by origin.

<sup>12</sup> Estimate based on exports for 3 months.

<sup>13</sup> Year beginning July 1 for 1934-38 average.

Office of Foreign Agricultural Relations. Prepared or estimated on the basis of official statistics of foreign governments, reports of United States foreign service officers, and other available information. Totals include estimates for some countries for which official statistics are unavailable, although in postwar years some international trade may have been excluded because of lack of information upon which to base estimates.

TABLE 492.—*Livestock: Number of animals slaughtered under Federal inspection and number of whole carcasses condemned, 1938-47*

Year	Cattle		Calves		Sheep and lambs		Goats		Hogs		Horses	
	Total	Condemned	Total	Condemned	Total	Condemned	Total	Condemned	Total	Condemned	Total	Condemned
	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands
1938.....	9,776	54.7	5,492	18.2	18,060	37.7	6	.1	36,186	87.1	24	.3
1939.....	9,446	55.0	5,264	16.6	17,241	38.3	3	0	41,368	97.3	28	.1
1940.....	9,756	59.1	5,359	19.3	17,351	44.5	5	0	50,398	128.5	19	.2
1941.....	10,946	64.5	5,461	20.5	18,125	56.2	10	.1	46,520	125.6	26	.2
1942.....	12,347	65.3	5,760	21.2	21,625	103.5	25	.2	53,897	133.0	29	.4
1943.....	11,727	64.0	5,209	23.8	23,363	110.5	14	.1	63,431	141.5	57	1.3
1944.....	13,960	81.2	7,770	45.9	21,876	93.4	7	0	69,017	158.3	52	.1
1945.....	14,521	74.7	7,017	49.7	21,217	92.8	13	.2	40,914	115.6	78	1.8
1946.....	11,413	59.7	5,842	46.7	19,885	85.0	87	.4	44,394	107.7	192	1.9
1947.....	11,536	83.5	7,939	57.0	16,667	76.0	114	.4	49,116	115.8	276	2.3

Bureau of Animal Industry. These figures do not include parts of carcasses, data concerning which may be obtained from the Meat Inspection Division.

TABLE 493.—*Hides, country: Average price per pound at Chicago, 1938-47*

Year	Extremes	Heavy steers	Heavy cows	No. 1 buffs	No. 2 buffs	Bulls	Country, packer, brands	Country branded	City calf-skins	City kip-skins
	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents
1938.....	9.10	7.73	7.41	7.74	6.74	5.75	7.36	7.09	13.93	11.40
1939.....	11.74	9.13	8.70	9.75	8.75	6.76	9.44	9.02	18.51	14.80
1940.....	12.47	9.27	8.88	10.49	9.49	6.09	10.07	9.67	21.85	18.02
1941.....	14.28	11.68	11.30	13.39	12.39	7.34	12.27	11.92	23.59	18.77
1942.....	15.50	13.50	13.00	15.50	14.50	9.83	13.94	13.64	23.00	18.00
1943.....	15.50	13.50	13.00	15.50	14.50	10.25	14.00	13.75	23.00	18.00
1944.....	15.50	13.50	13.00	15.50	14.50	10.25	14.00	13.75	23.00	18.00
1945.....	15.50	13.50	13.00	15.50	14.50	10.25	14.00	13.75	23.00	18.00
1946.....	17.15	14.72	14.25	16.67	15.67	11.52	15.37	14.92	29.77	20.23
1947.....	22.96	17.22	17.35	20.52	19.52	12.85	21.89	20.88	61.63	36.87

Bureau of Agricultural Economics. Compiled from annual reports of the Chicago Board of Trade. Data for earlier years in 1931 Yearbook, table 429, and Agricultural Statistics, 1941, table 556.

TABLE 494.—*Hides, packer: Average price per pound at Chicago, 1938-47*

Year	Steers					Cows			Bulls	
	Heavy native	Heavy Texas	Light Texas	Butt branded	Colorados	Heavy native	Light native	Branded	Native	Branded
	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents
1938.....	11.61	11.38	10.32	11.37	10.86	10.13	10.29	9.87	8.05	7.06
1939.....	12.13	12.02	11.12	12.03	11.60	11.63	12.06	11.55	8.64	7.64
1940.....	12.50	11.95	11.26	11.94	11.46	12.20	12.64	11.78	8.94	7.94
1941.....	14.49	14.08	13.90	13.96	13.70	14.31	14.68	14.16	11.18	10.18
1942.....	15.50	14.50	14.50	14.50	14.22	15.50	15.50	14.50	12.00	11.00
1943.....	15.50	14.50	14.50	14.50	14.50	15.50	15.50	14.50	12.00	11.00
1944.....	15.50	14.50	14.50	14.50	14.50	15.50	15.50	14.50	12.00	11.00
1945.....	15.50	14.50	14.50	14.50	14.50	15.50	15.50	14.50	12.00	11.00
1946.....	18.55	17.35	17.35	17.35	17.29	18.41	18.36	17.32	14.21	13.17
1947.....	27.25	24.90	24.90	24.90	24.42	26.77	28.70	25.95	19.37	18.37

Bureau of Agricultural Economics. Compiled from annual reports of the Chicago Board of Trade.

TABLE 495.—*Horses and mules: Number on farms and value, United States, Jan. 1, 1930-48*<sup>1</sup>

Year	Horses			Mules		
	Number	Farm value		Number	Farm value	
		Per head	Total		Per head	Total
	Thousands	Dollars	1,000 dollars	Thousands	Dollars	1,000 dollars
1930 <sup>1</sup> .....	13,384	.....	.....	5,354	.....	.....
1930.....	13,742	69.98	961,664	5,382	83.93	451,725
1931.....	13,195	60.64	800,198	5,273	69.23	365,049
1932.....	12,664	53.48	677,211	5,148	60.70	312,494
1933.....	12,291	54.12	665,178	5,046	60.42	304,895
1934.....	12,052	66.88	805,994	4,945	82.42	407,566
1935 <sup>1</sup> .....	11,861	.....	.....	4,818	.....	.....
1935.....	11,861	77.05	913,870	4,822	99.34	478,908
1936.....	11,598	95.73	1,121,851	4,628	120.63	558,253
1937.....	11,342	99.14	1,124,405	4,460	130.25	580,911
1938.....	10,905	90.89	999,365	4,250	123.39	524,409
1939.....	10,629	84.32	896,201	4,163	118.58	493,654
1940 <sup>1</sup> .....	10,087	.....	.....	5,845	.....	.....
1940.....	10,444	77.30	807,611	4,034	116.00	466,793
1941.....	10,193	68.20	695,216	3,911	107.00	419,013
1942.....	9,873	64.70	638,296	3,782	107.00	405,880
1943.....	9,605	79.80	766,384	3,626	127.00	462,201
1944.....	9,192	78.60	722,782	3,421	143.00	490,371
1945 <sup>1</sup> .....	8,469	.....	.....	5,180	.....	.....
1945.....	8,715	64.90	565,363	3,235	134.00	433,776
1946.....	8,053	57.40	462,384	3,010	133.00	400,705
1947.....	7,249	59.20	428,798	2,772	141.00	389,776
1948 <sup>1</sup> .....	6,607	55.50	366,480	2,544	133.00	337,901

<sup>1</sup> Including colts.<sup>2</sup> Italic figures are from the census. Census dates: Apr. 1, 1930; Jan. 1, 1935; Apr. 1, 1940; Jan. 1, 1945. 1930 and 1940 exclude spring-born colts.<sup>3</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1900-29 in Agricultural Statistics, 1942, table 579.

TABLE 496.—*Horses and mules, by classes: Number on farms, Jan. 1, 1930-48*

Year	Horses				Mules			
	All horses	2 years and over	1-2 years	Under 1 year	All mules	2 years and over	1-2 years	Under 1 year
	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands
1930.....	13,742	12,772	475	495	5,382	5,200	94	79
1931.....	13,195	12,253	489	453	5,273	5,122	82	69
1932.....	12,664	11,797	454	413	5,148	5,025	72	51
1933.....	12,291	11,461	414	416	5,046	4,943	54	49
1934.....	12,052	11,141	416	495	4,945	4,843	51	51
1935.....	11,861	10,761	490	610	4,822	4,712	52	58
1936.....	11,598	10,338	605	655	4,628	4,501	54	73
1937.....	11,342	10,016	642	694	4,460	4,314	62	84
1938.....	10,905	9,609	680	706	4,250	4,081	69	100
1939.....	10,629	9,310	685	634	4,163	3,963	85	114
1940.....	10,444	9,200	623	621	4,034	3,800	101	133
1941.....	10,193	9,000	602	591	3,911	3,651	120	140
1942.....	9,873	8,810	560	503	3,782	3,536	116	130
1943.....	9,605	8,718	485	402	3,626	3,399	115	112
1944.....	9,192	8,444	384	364	3,421	3,224	99	98
1945.....	8,715	8,059	343	313	3,235	3,057	91	87
1946.....	8,053	7,322	291	240	3,010	2,870	75	65
1947.....	7,249	6,812	230	207	2,772	2,662	69	51
1948 <sup>1</sup> .....	6,607	6,224	197	186	2,544	2,456	48	40

<sup>1</sup> Preliminary.

Bureau of Agricultural Economics.

TABLE 497.—Horses: Number on farms, and farm value per head, by States, Jan. 1, average 1937-46, annual 1946-48<sup>1</sup>

State and division	Number				Farm value per head			
	Average, 1937-46	1946	1947	1948 <sup>2</sup>	Average, 1937-46	1946	1947	1948 <sup>2</sup>
	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Dollars	Dollars	Dollars	Dollars
Maine.....	39	35	33	31	154.00	153.00	143.00	120.00
New Hampshire.....	15	14	13	12	144.00	144.00	142.00	116.00
Vermont.....	42	39	38	36	139.00	123.00	122.00	92.00
Massachusetts.....	21	18	17	16	150.00	148.00	140.00	112.00
Rhode Island.....	2	2	2	2	148.00	145.00	140.00	114.00
Connecticut.....	18	14	13	12	156.00	147.00	139.00	116.00
New York.....	269	217	202	182	134.00	103.00	95.00	80.00
New Jersey.....	27	19	18	17	132.00	104.00	93.00	77.00
Pennsylvania.....	246	191	170	153	120.00	91.00	87.00	76.00
North Atlantic.....	679	549	506	461	132.00	107.00	101.00	85.30
Ohio.....	387	252	214	184	91.10	58.00	60.00	60.00
Indiana.....	308	203	175	147	84.80	53.00	55.00	51.00
Illinois.....	520	348	296	249	76.30	47.00	52.00	49.00
Michigan.....	311	207	172	143	94.50	51.00	48.00	50.00
Wisconsin.....	478	379	337	300	103.00	75.00	67.00	69.00
East North Central.....	2,004	1,389	1,194	1,023	89.70	58.10	57.50	57.30
Minnesota.....	597	446	392	345	75.50	46.00	47.00	50.00
Iowa.....	694	496	412	346	75.30	44.00	47.00	47.00
Missouri.....	518	494	450	428	65.30	43.00	51.00	43.00
North Dakota.....	342	240	202	178	52.40	25.00	30.00	36.00
South Dakota.....	344	280	241	219	52.30	31.00	33.00	35.00
Nebraska.....	470	389	338	301	57.00	36.00	37.00	36.00
Kansas.....	391	317	279	257	58.40	36.00	37.00	36.00
West North Central.....	3,356	2,652	2,314	2,074	64.60	38.90	42.20	41.50
North Central.....	5,360	4,041	3,508	3,097	74.10	45.50	47.40	46.70
Delaware.....	13	11	10	9	92.40	78.00	82.00	81.00
Maryland.....	76	62	57	53	102.00	87.00	91.00	81.00
Virginia.....	167	160	154	148	109.00	99.00	104.00	91.00
West Virginia.....	99	99	96	93	105.00	101.00	101.00	78.00
North Carolina.....	82	95	95	92	123.00	144.00	140.00	124.00
South Carolina.....	22	24	24	23	118.00	129.00	138.00	122.00
Georgia.....	36	38	38	38	110.00	116.00	119.00	116.00
Florida.....	22	27	27	26	101.00	110.00	112.00	102.00
South Atlantic.....	518	516	501	482	110.00	109.00	112.00	97.80
Kentucky.....	235	222	213	204	88.00	84.00	84.00	71.00
Tennessee.....	166	156	148	145	92.60	94.00	97.00	85.00
Alabama.....	62	66	63	62	94.80	101.00	101.00	93.00
Mississippi.....	110	124	120	115	81.20	80.00	80.00	70.00
Arkansas.....	168	166	158	150	61.10	63.00	58.00	48.00
Louisiana.....	140	139	132	121	65.20	71.00	68.00	68.00
Oklahoma.....	359	310	279	257	51.30	32.00	37.00	32.00
Texas.....	614	509	468	440	56.20	51.00	50.00	47.00
South Central.....	1,856	1,692	1,581	1,494	66.60	61.70	63.30	56.90
Montana.....	247	216	190	171	42.00	29.00	33.00	30.00
Idaho.....	166	136	120	108	58.10	37.00	40.00	43.00
Wyoming.....	124	106	100	94	45.10	28.00	30.00	30.00
Colorado.....	214	175	161	148	54.60	33.00	35.00	35.00
New Mexico.....	123	106	95	86	45.40	33.00	42.00	38.00
Arizona.....	75	72	71	70	59.70	61.00	65.00	60.00
Utah.....	79	74	70	67	70.20	68.00	65.00	56.00
Nevada.....	38	39	38	38	70.50	65.00	62.00	53.00
Washington.....	125	88	79	75	66.30	60.00	48.00	53.00
Oregon.....	131	100	92	85	67.70	52.00	50.00	49.00
California.....	170	143	137	130	96.30	90.00	86.00	87.00
Western.....	1,492	1,255	1,153	1,073	59.80	46.90	47.90	47.10
United States.....	9,904	8,053	7,249	6,607	76.50	57.40	59.20	55.50

<sup>1</sup> Including colts.<sup>2</sup> Preliminary.

Bureau of Agricultural Economics.

TABLE 498.—*Mules: Number on farms, and farm value per head, by States, Jan. 1, average 1937-46, annual 1946-48*<sup>1</sup>

State and division	Number				Farm value per head			
	Average 1937-46	1946	1947	1948 <sup>2</sup>	Average 1937-46	1946	1947	1948 <sup>2</sup>
	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Dollars	Dollars	Dollars	Dollars
New York.....	4	3	3	2	140.00	110.00	96.00	80.00
New Jersey.....	3	2	2	2	139.00	110.00	104.00	86.00
Pennsylvania.....	41	25	22	18	133.00	104.00	96.00	88.00
North Atlantic.....	48	30	27	22	134.00	105.00	96.60	87.10
Ohio.....	24	13	10	9	99.60	77.00	79.00	75.00
Indiana.....	52	25	20	17	104.00	87.00	87.00	78.00
Illinois.....	70	40	30	23	94.80	75.00	78.00	75.00
Michigan.....	6	3	2	2	100.00	64.00	60.00	59.00
Wisconsin.....	4	3	2	2	108.00	83.00	76.00	72.00
East North Central.....	155	84	64	53	99.20	78.80	80.30	75.20
Minnesota.....	8	4	3	2	82.30	53.00	57.00	56.00
Iowa.....	41	20	15	10	88.90	61.00	66.00	65.00
Missouri.....	194	155	135	105	92.50	75.00	85.00	74.00
North Dakota.....	2	1	1	1	66.50	39.00	39.00	40.00
South Dakota.....	6	3	2	2	67.50	39.00	45.00	48.00
Nebraska.....	44	20	15	12	76.40	53.00	55.00	53.00
Kansas.....	58	35	24	18	77.10	56.00	64.00	59.00
West North Central.....	353	238	195	150	87.00	68.20	77.60	69.10
North Central.....	508	322	259	203	90.80	71.00	78.30	70.70
Delaware.....	7	5	4	4	121.00	109.00	112.00	100.00
Maryland.....	23	16	13	12	127.00	111.00	120.00	97.00
Virginia.....	89	80	77	73	150.00	153.00	161.00	153.00
West Virginia.....	10	7	6	5	108.00	102.00	104.00	84.00
North Carolina.....	296	283	277	269	190.00	229.00	229.00	219.00
South Carolina.....	178	164	162	159	185.00	217.00	229.00	209.00
Georgia.....	309	276	268	257	171.00	194.00	204.00	197.00
Florida.....	36	34	33	30	149.00	160.00	160.00	165.00
South Atlantic.....	947	865	840	809	175.00	202.00	209.00	199.00
Kentucky.....	217	191	176	171	114.00	118.00	119.00	105.00
Tennessee.....	283	259	249	234	128.00	130.00	138.00	122.00
Alabama.....	291	249	234	222	140.00	149.00	159.00	145.00
Mississippi.....	346	332	319	306	124.00	129.00	128.00	114.00
Arkansas.....	251	207	197	185	96.20	88.00	96.00	84.00
Louisiana.....	178	148	142	136	114.00	116.00	117.00	111.00
Oklahoma.....	134	74	52	41	74.00	52.00	58.00	55.00
Texas.....	500	281	230	191	84.70	74.00	70.00	68.00
South Central.....	2,210	1,741	1,599	1,466	110.00	113.00	118.00	108.00
Montana.....	2	2	2	2	72.00	76.00	76.00	80.00
Idaho.....	4	4	3	3	79.60	68.00	60.00	58.00
Wyoming.....	2	1	1	1	73.60	54.00	49.00	41.00
Colorado.....	12	8	7	6	77.00	58.00	64.00	62.00
New Mexico.....	11	7	6	6	69.20	55.00	58.00	56.00
Arizona.....	9	7	6	6	81.80	79.00	86.00	85.00
Utah.....	1	1	1	1	90.50	93.00	75.00	65.00
Nevada.....	1	1	1	1	85.60	79.00	70.00	60.00
Washington.....	6	3	3	2	76.30	62.00	57.00	61.00
Oregon.....	5	3	3	3	77.40	65.00	63.00	60.00
California.....	24	15	14	13	108.00	97.00	86.00	77.00
Western.....	77	52	47	44	86.70	74.80	72.40	67.80
United States.....	3,789	3,010	2,772	2,544	124.00	133.00	141.00	133.00

<sup>1</sup> Including colts.<sup>2</sup> Preliminary.

Bureau of Agricultural Economics.

TABLE 499.—*Grain-consuming and roughage-consuming livestock on farms: Animal units fed in year beginning Oct. 1, United States, 1919-47*

Year beginning October	Grain- consuming livestock	Roughage- consuming livestock	Year beginning October	Grain- consuming livestock	Roughage- consuming livestock	Year beginning October	Grain- consuming livestock	Roughage- consuming livestock
	<i>1,000 units</i>	<i>1,000 units</i>		<i>1,000 units</i>	<i>1,000 units</i>		<i>1,000 units</i>	<i>1,000 units</i>
1919 .....	150,794	76,201	1929 .....	153,616	69,355	1939 .....	156,038	70,063
1920 .....	148,619	74,766	1930 .....	152,401	70,737	1940 .....	155,935	72,158
1921 .....	151,664	74,571	1931 .....	156,047	72,276	1941 .....	167,317	75,215
1922 .....	163,126	73,693	1932 .....	159,518	74,628	1942 .....	192,411	78,206
1923 .....	162,133	72,791	1933 .....	153,688	77,356	1943 .....	193,107	79,579
1924 .....	150,694	71,146	1934 .....	131,054	72,613	1944 .....	173,672	78,726
1925 .....	148,909	69,343	1935 .....	138,509	71,334	1945 <sup>1</sup> .....	167,736	75,342
1926 .....	152,446	67,724	1936 .....	137,612	69,688	1946 <sup>1</sup> .....	161,345	72,839
1927 .....	153,022	67,237	1937 .....	137,678	68,356	1947 <sup>1</sup> .....	152,528	70,198
1928 .....	152,676	68,154	1938 .....	148,501	68,191			

<sup>1</sup> Preliminary.

Bureau of Agricultural Economics. A detailed explanation of the basis of these figures can be found in the processed report F.M.—64, *Animal Units of Livestock Fed Annually, 1919-20 to 1946-47* (November 1947).



TABLE 500.—Index numbers of livestock and poultry on farms, Jan. 1, 1867-1948<sup>1</sup>  
[1935-39=100]

Year	Total livestock and poultry <sup>2</sup>	Meat animals <sup>3</sup>	Milk animals <sup>4</sup>	Poultry <sup>5</sup>	Year	Total livestock and poultry <sup>2</sup>	Meat animals <sup>3</sup>	Milk animals <sup>4</sup>	Poultry <sup>5</sup>
1867	51	51	33	-----	1908	107	98	76	-----
1868	51	52	35	-----	1909	105	95	77	79
1869	52	52	37	-----	1910	102	92	78	83
1870	53	53	39	-----	1911	103	93	78	88
1871	55	55	40	-----	1912	102	91	78	85
1872	58	57	41	-----	1913	103	91	78	85
1873	59	58	41	-----	1914	105	93	79	85
1874	60	59	42	-----	1915	110	99	81	88
1875	60	58	43	-----	1916	114	104	83	86
1876	61	59	43	-----	1917	116	107	85	83
1877	64	62	44	-----	1918	120	111	86	84
1878	67	66	45	-----	1919	120	111	86	91
1879	70	69	46	-----	1920	116	107	86	88
1880	73	71	47	-----	1921	114	105	85	86
1881	74	72	48	-----	1922	113	105	86	82
1882	75	74	49	-----	1923	115	108	88	96
1883	78	76	50	-----	1924	112	105	88	101
1884	81	80	52	-----	1925	107	99	89	101
1885	84	83	53	-----	1926	103	95	88	102
1886	86	84	54	-----	1927	102	94	88	107
1887	87	85	56	-----	1928	102	96	88	110
1888	89	86	57	-----	1929	102	97	90	110
1889	91	88	59	-----	1930	103	98	93	115
1890	94	90	60	-----	1931	104	100	96	110
1891	95	90	61	-----	1932	107	105	100	107
1892	93	88	61	-----	1933	111	111	104	110
1893	91	84	61	-----	1934	113	114	108	107
1894	90	82	61	-----	1935	101	101	104	96
1895	88	80	61	-----	1936	101	101	100	99
1896	88	80	61	-----	1937	99	99	99	105
1897	90	82	62	-----	1938	98	98	98	96
1898	93	85	63	-----	1939	100	102	99	104
1899	95	88	64	-----	1940	106	108	101	110
1900	99	92	66	-----	1941	106	110	104	105
1901	102	95	67	-----	1942	112	117	107	118
1902	102	96	68	-----	1943	120	125	111	132
1903	104	98	69	-----	1944	126	135	114	142
1904	106	99	70	-----	1945	117	125	113	127
1905	106	100	71	-----	1946	113	122	109	132
1906	106	99	73	-----	1947	109	118	106	117
1907	107	99	75	-----	1948 <sup>6</sup>	104	114	103	112

<sup>1</sup> Weights for combining the different species are based on the 1937-41 average sales value per head, except for horses and mules where the 1941 average sales value per head is used. Allowing the average sales value per head for milk cows to equal 1.00, the value per head for other kinds of livestock and poultry is expressed in terms of the value for milk cows. The weights used are as follows: Milk cows, 1.00, other cattle and calves 0.75, hogs 0.29, sheep and lambs 0.10, horses 0.97, mules 1.23, chickens 0.01, and turkeys 0.043.

<sup>2</sup> Milk cows, other cattle and calves, hogs, sheep and lambs, horses, mules, chickens, and turkeys; chickens included beginning 1909 and turkeys beginning 1929.

<sup>3</sup> Milk cows, other cattle and calves, hogs, and sheep and lambs.

<sup>4</sup> Milk cows, heifers, 1-2 years old being kept for milk cows, and heifer calves saved for milk cows. Weights for combining the three classes of milk animals are based on 1937-41 average sales value per head, using relationship of 1937-41 average Jan. 1 values per head for each class to milk cows to determine sales value per head for heifers 1-2 years old, and heifer calves. The weights used are as follows: Milk cows 1.00; heifers 1-2 years old, 0.54; heifer calves 0.31.

<sup>5</sup> Chickens and turkeys; turkeys included beginning 1929.

<sup>6</sup> Preliminary.

Bureau of Agricultural Economics.

TABLE 501.—*Sleeping sickness (infectious equine encephalomyelitis): Summary of reports on incidence and mortality, by geographic divisions, 1947, and totals for years 1939-47*

Division and year	Horses and mules in affected areas	Animals affected	Cases per 1,000 horses and mules	Total deaths	Percentage of deaths among affected animals	Month of report of—	
						First case	Last case
					Percent		
New England.....	1,360	1	0.7	1	100	Sept	Sept.
Middle Atlantic.....	4,941	7	1.4	7	100	Aug.	Sept.
East North Central.....	434,730	323	0.7	87	27	Jan.	Dec.
West North Central.....	2,101,531	2,141	1.0	508	24	Jan.	Dec.
South Atlantic.....	115,146	319	2.8	157	49	Jan.	Dec.
East South Central.....	30,431	15	0.5	10	67	July	Sept.
West South Central.....	790,346	4,870	6.2	4,072	84	Jan.	Dec.
Mountain.....	392,604	547	1.4	131	24	Feb.	Oct.
Pacific.....	212,602	493	2.3	113	23	Jan.	Dec.
Total 1947.....	4,083,781	8,716	2.1	5,086	58	Jan.	Dec.
Total:							
1939.....	7,159,491	8,008	1.1	2,471	30	-----	-----
1940.....	6,500,820	16,941	2.6	4,187	25	Jan.	Nov.
1941.....	6,015,397	36,872	6.1	8,210	28	Mar.	Dec.
1942.....	4,785,575	4,939	1.0	1,334	30	Jan.	Dec.
1943.....	4,045,160	4,768	1.1	1,622	30	Mar.	Nov.
1944.....	5,465,117	10,590	2.9	4,779	24	Jan.	Dec.
1945.....	3,691,066	3,212	.9	1,165	36	Jan.	Dec.
1946.....	3,137,321	2,805	.9	957	34	Jan.	Dec.

<sup>1</sup> Alabama and New York not included in calculations.

<sup>2</sup> Alabama, Colorado, Georgia, Louisiana, Maryland, Michigan, Missouri, New Jersey, and New York not included in calculations.

<sup>3</sup> Arkansas not included in calculations.

<sup>4</sup> Arkansas, Colorado, Indiana, Michigan, Minnesota, Missouri, New Mexico, and Oregon not included in calculations.

<sup>5</sup> Minnesota, Missouri, and Utah not included in calculations.

<sup>6</sup> Missouri not included in calculations.

<sup>7</sup> New York, Michigan, and Missouri not included in calculations.

Bureau of Animal Industry.

TABLE 502.—*Rabies: Number of cases in the United States, and kind and number of animals affected, 1938-47*

Year	Number of cases among—								Total
	Dogs	Cattle	Cats	Sheep	Hogs	Horses	Goats	Miscellaneous animals	
1938.....	8,462	413	207	164	42	32	11	44	9,412
1939.....	7,386	358	269	17	38	36	10	172	8,316
1940.....	6,194	326	260	53	71	25	4	277	7,228
1941.....	6,648	418	294	68	159	39	9	212	7,877
1942.....	6,332	288	250	48	32	15	12	160	7,165
1943.....	8,515	349	316	45	60	35	19	310	9,660
1944.....	9,067	561	419	40	43	32	14	311	10,540
1945.....	8,505	487	466	11	30	46	10	373	9,963
1946.....	8,384	962	455	15	22	44	12	956	10,872
1947.....	6,949	766	393	15	20	40	9	728	8,946

Bureau of Animal Industry.

## CHAPTER VII

### DAIRY AND POULTRY STATISTICS

Statistics on numbers of milk cows include two separate series. The January 1 inventory number is the total of cows and heifers kept for milk of the specific age classification "2 years old and older." The other series, an annual average number of milk cows milked during the year, is the basis for milk production estimates. The number of cows and heifers in the former series is somewhat larger than in the latter, because it includes heifers over 2 years of age which have not yet freshened.

Prices of milk and butterfat include returns to farmers from some, but not all, of the wartime Government subsidy programs. Included in the prices here are Government fluid-milk payments, those under the butter roll-back subsidy program and the cheddar cheese purchase and sales program, which were made to dealers and processors and passed back to farmers through normal price channels. On the contrary, the Government dairy production payments direct to farmers are not included in the price series because they were not part of the normal marketing procedure. In comparing the several series of milk prices, it is also important to note that prices received by farmers for whole milk at wholesale are for milk of the butterfat content actually sold (about 3.91 percent), whereas prices of milk purchased by condenseries and by market milk distributors are on a 3.5 percent butterfat basis.

Poultry production statistics in this chapter include inventory numbers of chickens by classes; the production, disposition, and cash receipts, and gross income from chickens and eggs; poultry and egg receipts at principal markets; commercial broiler production; commercial hatchery production; turkey production, disposition, cash receipts, and gross income; and liquid and dried egg production.

New tables in this chapter include a table on butter futures; one on world production of chickens, and one on live weight of turkeys sold.

TABLE 503.—*Milk cows, heifers, and heifer calves, Jan. 1: Number 2 years old or over on farms, value per head, and total value; number 1 to 2 years and under 1 year, United States, 1930-48*

Year	Cows and heifers 2 years old and older, kept for milk			Heifers 1 to 2 years old being kept for milk cows	Heifer calves under 1 year being kept for milk cows
	Number	Value per head	Total value		
	Thousands	Dollars	1,000 dollars	Thousands	Thousands
1930 <sup>1</sup>	21,124				
1930	23,032	82.70	1,904,794	4,851	5,199
1931	23,820	57.03	1,358,529	4,962	5,189
1932	24,896	39.51	983,671	5,029	5,449
1933	25,936	29.18	756,846	5,250	5,674
1934	26,931	27.00	727,039	5,382	5,675
1935 <sup>1</sup>	24,688				
1935	26,082	30.17	786,971	4,995	5,280
1936	25,196	49.32	1,242,753	4,772	5,484
1937	24,649	50.45	1,243,548	4,899	5,305
1938	24,466	54.52	1,333,730	4,808	5,500
1939	24,600	55.73	1,370,974	5,122	5,904
1940 <sup>1</sup>	21,937				
1940	24,940	57.30	1,428,239	5,525	5,967
1941	25,453	60.90	1,550,458	5,676	6,254
1942	26,313	77.90	2,049,349	5,889	6,635
1943	27,138	99.50	2,701,094	6,067	7,035
1944	27,704	102.00	2,829,804	6,352	7,201
1945 <sup>1</sup>	22,803				
1945	27,770	99.40	2,760,705	6,207	6,772
1946	26,905	112.00	2,994,437	5,803	6,595
1947	26,008	145.00	3,787,080	5,602	6,768
1948 <sup>2</sup>	25,165	164.00	4,128,161	5,985	6,485

<sup>1</sup> Italic figures are from Census of Agriculture. Figures for census years 1930, 1935, 1940, and 1945 represent number of cows milked in 1929, 1934, 1939, and 1944. Census dates were Apr. 1, 1930, Jan. 1, 1935, Apr. 1, 1940, and Jan. 1, 1945.

<sup>2</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1900-29 in Agricultural Statistics, 1942, table 584.

TABLE 504.—Milk cows and heifers: Number 2 years old and over on farms, value per head, and total value, by States, Jan. 1, average 1937-46, annual 1947 and 1948

State and division	Number			Value per head			Total value		
	Average 1937-46	1947	1948 <sup>1</sup>	Average 1937-46	1947	1948 <sup>1</sup>	Average 1937-46	1947	1948 <sup>1</sup>
	Thou- sands	Thou- sands	Thou- sands	Dollars	Dollars	Dollars	1,000 dollars	1,000 dollars	1,000 dollars
Maine.....	134	131	132	81.70	145.00	156.00	10,860	18,995	20,592
New Hampshire.....	76	74	73	101.00	176.00	188.00	7,688	13,024	13,724
Vermont.....	299	302	296	95.70	168.00	183.00	28,764	50,736	54,168
Massachusetts.....	140	138	132	125.00	221.00	233.00	17,560	30,498	30,756
Rhode Island.....	23	22	22	130.00	225.00	235.00	2,933	4,950	5,170
Connecticut.....	127	123	123	130.00	221.00	235.00	16,668	27,183	28,905
New York.....	1,416	1,439	1,439	112.00	210.00	222.00	159,847	302,190	319,458
New Jersey.....	150	158	158	158.00	264.00	282.00	23,854	41,712	44,556
Pennsylvania.....	908	1,000	990	104.00	196.00	206.00	96,219	196,000	203,940
North Atlantic.....	3,273	3,387	3,365	111.00	202.00	214.00	364,402	685,288	721,269
Ohio.....	1,059	1,082	1,071	79.40	161.00	167.00	85,136	174,202	178,857
Indiana.....	783	798	774	78.50	152.00	165.00	62,338	121,236	127,710
Illinois.....	1,144	1,120	1,086	84.70	161.00	179.00	97,654	180,320	194,394
Michigan.....	985	1,048	1,017	86.70	165.00	184.00	86,902	172,920	187,128
Wisconsin.....	2,359	2,559	2,508	98.20	184.00	201.00	236,583	470,856	504,108
East North Central.....	6,331	6,607	6,456	88.50	169.00	185.00	568,613	1,119,594	1,192,197
Minnesota.....	1,767	1,698	1,579	79.50	154.00	181.00	141,813	261,492	285,769
Iowa.....	1,478	1,366	1,270	81.00	154.00	180.00	119,883	210,364	228,600
Missouri.....	992	1,007	975	62.90	126.00	138.00	63,475	126,882	134,550
North Dakota.....	552	488	444	71.00	135.00	173.00	39,858	65,880	76,812
South Dakota.....	512	447	411	71.70	139.00	172.00	36,964	62,133	70,692
Nebraska.....	643	554	514	74.60	136.00	174.00	47,946	75,344	89,436
Kansas.....	764	697	655	70.50	135.00	164.00	54,545	94,095	107,420
West North Central.....	6,708	6,257	5,848	74.60	143.00	170.00	504,484	896,190	993,309
North Central.....	13,039	12,864	12,304	81.30	157.00	178.00	1,073,097	2,015,784	2,185,506
Delaware.....	37	38	38	90.60	163.00	170.00	3,381	6,194	6,460
Maryland.....	207	232	232	90.10	162.00	179.00	19,033	37,384	41,528
Virginia.....	436	460	469	65.40	121.00	132.00	29,102	55,660	61,908
West Virginia.....	240	234	229	60.80	122.00	125.00	14,666	28,548	28,625
North Carolina.....	366	376	376	57.80	106.00	109.00	21,527	39,856	40,984
South Carolina.....	178	179	179	56.10	99.00	102.00	10,100	17,721	18,258
Georgia.....	381	399	395	48.20	85.00	94.00	18,582	33,915	37,130
Florida.....	121	148	148	58.00	95.00	100.00	7,220	14,060	14,800
South Atlantic.....	1,966	2,066	2,066	61.90	113.00	121.00	123,611	233,538	249,693
Kentucky.....	592	622	616	58.10	113.00	130.00	35,015	70,286	80,080
Tennessee.....	600	640	627	53.40	103.00	115.00	32,716	65,920	72,105
Alabama.....	425	448	435	47.30	85.00	96.00	20,518	38,080	41,760
Mississippi.....	568	572	543	42.70	77.00	91.00	24,624	44,044	49,413
Arkansas.....	496	484	415	44.50	86.00	99.00	22,444	41,624	44,055
Louisiana.....	346	368	342	48.90	85.00	100.00	17,227	31,280	34,200
Oklahoma.....	812	765	704	53.00	96.00	124.00	43,966	73,440	87,296
Texas.....	1,488	1,453	1,351	51.40	94.00	115.00	77,442	136,582	155,365
South Central.....	5,326	5,352	5,063	50.60	93.70	111.00	273,953	501,256	564,274
Montana.....	162	147	134	79.10	146.00	183.00	12,848	21,462	24,522
Idaho.....	237	239	234	70.70	144.00	181.00	18,716	34,416	42,354
Wyoming.....	69	65	60	76.50	143.00	167.00	5,283	9,295	10,020
Colorado.....	241	224	215	71.60	130.00	167.00	17,333	29,120	35,905
New Mexico.....	78	62	60	59.80	110.00	130.00	4,680	6,820	7,800
Arizona.....	49	46	47	83.30	144.00	168.00	4,110	6,624	7,896
Utah.....	111	117	115	78.60	148.00	165.00	8,950	17,316	18,975
Nevada.....	21	20	20	87.70	155.00	170.00	1,837	3,100	3,400
Washington.....	358	346	336	77.90	144.00	170.00	28,115	49,824	57,120
Oregon.....	272	251	243	70.10	127.00	151.00	19,137	31,877	36,693
California.....	772	912	903	88.80	155.00	178.00	70,171	141,360	160,734
Western.....	2,369	2,429	2,367	79.50	145.00	171.00	191,181	351,214	405,419
United States.....	25,973	26,098	25,165	77.00	145.00	164.00	2,026,244	3,787,080	4,126,161

<sup>1</sup> Preliminary.Bureau of Agricultural Economics.  
816939-49-26

TABLE 505.—*Heifers and heifer calves kept for milk cows: Number on farms, by States, Jan. 1, average 1937-46, annual 1947 and 1948*

State and division	Heifers 1 to 2 years old being kept for milk cows			Heifer calves under 1 year being kept for milk cows		
	Average 1937-46	1947	1948 <sup>1</sup>	Average 1937-46	1947	1948 <sup>1</sup>
	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands
Maine.....	34	34	36	37	38	36
New Hampshire.....	17	17	18	18	19	20
Vermont.....	60	58	58	63	61	58
Massachusetts.....	23	21	22	24	22	23
Rhode Island.....	2	2	2	3	3	3
Connecticut.....	20	18	19	21	23	24
New York.....	278	274	284	287	287	298
New Jersey.....	22	22	25	21	22	24
Pennsylvania.....	207	230	246	218	248	246
North Atlantic.....	663	676	710	692	723	732
Ohio.....	229	232	260	248	266	258
Indiana.....	163	157	170	176	191	169
Illinois.....	266	268	295	320	344	323
Michigan.....	225	244	250	256	290	258
Wisconsin.....	480	505	515	504	526	500
East North Central.....	1,363	1,406	1,490	1,504	1,617	1,508
Minnesota.....	382	386	384	405	417	367
Iowa.....	302	292	293	325	317	293
Missouri.....	198	195	195	227	238	219
North Dakota.....	126	111	100	154	164	160
South Dakota.....	134	112	105	159	179	194
Nebraska.....	151	131	132	172	168	182
Kansas.....	154	141	139	179	173	166
West North Central.....	1,447	1,368	1,348	1,620	1,656	1,581
Delaware.....	7	8	9	7	9	8
Maryland.....	41	46	51	44	53	48
Virginia.....	83	78	80	91	116	115
West Virginia.....	42	38	44	44	46	40
North Carolina.....	69	70	74	80	84	78
South Carolina.....	40	38	40	46	52	48
Georgia.....	102	106	113	113	128	130
Florida.....	41	40	42	49	65	65
South Atlantic.....	424	424	453	475	553	532
Kentucky.....	101	95	110	105	122	126
Tennessee.....	108	116	120	123	138	125
Alabama.....	124	132	135	145	180	157
Mississippi.....	122	128	120	142	143	140
Arkansas.....	135	123	107	154	156	122
Louisiana.....	87	93	85	105	119	99
Oklahoma.....	204	174	161	264	264	238
Texas.....	294	295	266	329	393	429
South Central.....	1,175	1,156	1,104	1,308	1,515	1,436
Montana.....	31	32	33	48	57	55
Idaho.....	57	58	60	71	70	79
Wyoming.....	15	15	15	18	17	17
Colorado.....	51	43	45	62	60	60
New Mexico.....	18	13	13	21	18	18
Arizona.....	12	14	12	13	15	13
Utah.....	28	30	26	33	34	37
Nevada.....	6	6	7	8	11	10
Washington.....	85	75	75	94	96	95
Oregon.....	66	58	56	72	76	80
California.....	204	228	238	216	250	232
Western.....	574	572	580	657	704	696
United States.....	5,645	5,602	5,685	6,317	6,768	6,485

<sup>1</sup> Preliminary.

Bureau of Agricultural Economics.

TABLE 506.—*Dairy-herd-improvement and dairy-cattle breeding associations, United States, Jan. 1, 1938-48*

Year	Dairy-herd-improvement associations		Dairy-cattle breeding associations			
			Dairy bull		Artificial breeding	
	Associations	Cows enrolled	Associations	Cows enrolled	Associations	Cows enrolled
	Number	Number	Number	Number	Number	Number
1938.....	1, 106	538, 993	166	25, 978	.....	.....
1939.....	1, 228	625, 284	228	35, 333	6	7, 539
1940.....	1, 300	676, 141	277	41, 678	27	33, 977
1941.....	1, 583	763, 502	291	43, 478	37	70, 751
1942.....	1, 421	816, 117	295	43, 251	73	112, 788
1943.....	1, 057	616, 972	306	63, 564	99	182, 524
1944.....	954	561, 587	293	62, 473	95	218, 070
1945.....	949	577, 200	266	53, 318	195	360, 732
1946.....	1, 124	627, 878	165	28, 018	336	579, 477
1947.....	1, 426	775, 546	140	23, 519	608	1, 125, 040
1948.....	1, 668	886, 129	99	14, 006	963	1, 743, 327

Bureau of Dairy Industry. Data for 1906-37 in Agricultural Statistics, 1942, table 588.

TABLE 507.—*Average production, feed cost, and value of butterfat and milk per cow, classified on butterfat production basis, 12-month records completed in 1946 by dairy-herd-improvement associations, United States*

Range of butterfat production (pounds)	Cows	Average pro- duction				Feed cost			Value of product over feed cost.	Return for \$1 spent for feed	Feed cost per pound of butterfat	Feed cost per 100 pounds of milk
		Butterfat	Milk	Value	Roughage, including pasture	Grain	Total					
	Num- ber	Per- cent	Lb.	Lb.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.
25-74.....	5	0.02	64	1,518	64	51	28	79	—15	0.81	1.23	5.20
75-124.....	75	.25	110	3,064	114	54	42	96	18	1.19	.87	3.13
125-174.....	638	2.17	156	3,984	132	54	48	102	50	1.49	.65	2.56
175-224.....	1,777	6.04	204	5,073	199	55	55	110	89	1.81	.54	2.17
225-274.....	4,026	13.68	252	6,292	247	57	62	119	128	2.08	.47	1.89
275-324.....	6,076	20.64	301	7,390	292	58	69	127	165	2.30	.42	1.72
325-374.....	6,449	21.90	349	8,545	338	60	76	136	202	2.48	.39	1.50
375-424.....	4,964	16.86	399	9,640	383	61	83	144	239	2.66	.36	1.45
425-474.....	3,020	10.26	446	10,784	429	64	89	153	276	2.80	.34	1.42
475-524.....	1,481	5.03	496	12,048	478	66	98	164	314	2.91	.33	1.36
525-574.....	601	2.04	546	13,276	521	67	103	170	351	3.06	.31	1.28
575-624.....	218	.74	594	14,150	568	69	112	181	387	3.14	.30	1.25
625-674.....	60	.20	644	15,486	634	74	120	194	440	3.27	.30	1.28
675-724.....	29	.10	694	17,085	666	78	128	206	460	3.23	.30	1.28
725-774.....	10	.03	752	17,691	724	76	150	226	498	3.20	.30	1.24
775-824.....	8	.03	801	20,823	632	88	174	262	370	2.41	.33	1.20
825-874.....	4	.01	838	21,674	684	84	179	263	421	2.60	.31	1.21
875-924.....	1	.....	894	26,870	510	67	191	258	252	1.98	.29	.96
Total.....	29,442	100.00	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Average <sup>1</sup> .....	.....	.....	345	8,435	334	60	75	135	199	2.47	.39	1.60
Total cows in dairy-herd-im- provement associations.....	627,878	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Cow-years.....	413,554	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Average for total cows.....	.....	.....	349	8,635	314	60	70	130	183	2.42	.37	1.61

<sup>1</sup> Average is for 29,442 cows selected at random, that completed a full 12-month testing period  
Bureau of Dairy Industry. Data for earlier years in previous editions of Agricultural Statistics.

TABLE 508.—Purebred dairy cattle: New registrations each year, by breeds, United States, 1938-47

Breed	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947
<b>Ayrshire:</b>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>
Bulls.....	2,407	2,755	2,764	3,083	3,221	3,792	3,546	3,386	3,795	4,633
Cows.....	11,346	12,443	13,473	13,931	14,492	16,235	17,209	18,151	18,374	25,413
Total.....	13,753	15,198	16,237	17,014	17,713	20,027	20,755	21,517	22,169	30,046
<b>Brown Swiss:</b>										
Bulls.....	2,733	3,177	3,222	3,955	4,383	5,261	5,224	5,677	6,347	6,712
Cows.....	5,909	6,819	7,251	8,864	9,566	10,996	12,270	13,127	14,611	15,757
Total.....	8,642	9,996	10,473	12,819	14,019	16,257	17,494	18,804	20,958	22,469
<b>Guernsey:</b>										
Bulls.....	12,190	13,466	13,963	14,660	16,014	18,192	17,462	17,747	18,761	20,000
Cows.....	35,344	40,423	42,897	44,940	47,660	54,329	56,769	59,150	61,851	71,279
Total.....	47,534	53,889	56,860	59,600	63,674	72,521	74,231	76,897	80,612	91,279
<b>Holstein-Friesian:</b>										
Bulls.....	17,595	18,555	25,941	23,818	26,049	28,634	28,993	24,625	38,520	33,084
Cows.....	64,027	67,043	119,482	78,985	80,575	82,563	93,917	88,821	130,818	119,655
Total.....	81,622	85,598	145,423	102,803	106,624	111,197	122,910	113,446	169,338	152,739
<b>Jersey:</b>										
Bulls.....	9,084	10,052	10,267	12,406	13,317	9,331	9,948	9,780	9,032	15,797
Cows.....	33,841	37,048	38,260	48,137	58,504	44,829	46,323	41,370	40,239	70,579
Total.....	44,925	47,100	48,527	60,543	71,821	54,160	56,471	51,150	49,271	86,376

Bureau of Dairy Industry: data obtained from registry associations. See Agricultural Statistics, 1940, table 569, for data for earlier years.

TABLE 509.—Cattle: Tuberculin testing under accredited-herd and area plans, United States, 1939-48

Year ended June—	Cattle tested					Herds accredited	Modified accredited counties <sup>1</sup>	
	Accredited-herd plan	Area plan	Total	Reactors found			Number	Percent
	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Percent</i>	<i>Number</i>		
1939	1,578,386	9,608,419	11,186,805	60,338	0.50	262,972	3,142	99.7
1940	2,097,534	10,124,784	12,222,318	56,343	.46	284,757	3,148	99.9
1941	2,306,114	9,929,385	12,235,499	40,702	.30	263,405	3,151	100.0
1942	2,020,399	8,962,687	10,983,086	28,008	.26	259,775	3,151	100.0
1943	1,976,176	7,332,760	9,308,936	17,167	.18	246,611	3,151	100.0
1944	1,968,091	6,926,375	8,894,466	18,338	.21	243,551	3,151	100.0
1945	2,057,833	6,047,647	8,105,480	19,534	.24	237,991	3,151	100.0
1946	1,933,385	6,521,078	8,454,463	19,464	.23	432,790	<sup>2</sup> 3,150	100.0
1947	2,094,326	6,218,593	8,312,919	16,666	.20	233,552	3,150	100.0
1948	1,883,411	6,411,012	8,294,423	15,943	.19	229,807	3,150	100.0

<sup>1</sup> Modified accredited counties are those in which tuberculosis does not exist among more than 0.5 percent of the cattle, as determined by official tuberculin testing, and from which all reactors to the test have been removed. Includes all areas in Puerto Rico and the Virgin Islands.

<sup>2</sup> In 1946, 2 counties in South Dakota were joined into 1.

Bureau of Animal Industry.

Current data on tuberculosis-eradication work, including progress by States and counties, may be obtained from Bureau of Animal Industry. Data for 1917-25 in 1925 Yearbook, table 519, and data for 1926-35 in Agricultural Statistics, 1936, table 366, and data for 1936-38 in Agricultural Statistics, 1946, table 484.



TABLE 510.—*Cattle: Summary of Bang's disease (brucellosis) work in cooperation with States, 1939-48*<sup>1</sup>

Year ended June 30—	Agglutination blood tests completed				Calves vaccinated	Under supervision at end of year (June 30)	
	Herds	Cattle	Reactors	Percentage of reactors		Herds	Cattle
1939.....	724,613	7,591,398	219,165	2.9	.....	1,372,410	11,111,634
1940.....	590,393	6,937,428	171,953	2.5	.....	1,615,755	12,315,329
1941.....	677,544	7,465,254	182,075	2.4	21,025	1,883,914	13,932,693
1942.....	591,835	6,891,219	209,238	3.0	126,571	2,105,294	15,627,027
1943.....	392,636	5,185,228	197,329	3.8	231,049	2,199,535	16,616,522
1944.....	386,266	5,235,912	226,079	4.3	392,232	2,254,235	17,326,138
1945.....	395,236	5,213,458	243,050	4.7	501,114	2,307,585	17,545,638
1946.....	389,814	4,876,866	245,786	5.0	694,139	2,360,699	17,870,154
1947.....	454,789	5,133,814	232,293	4.5	891,709	2,249,118	17,589,018
1948.....	533,963	5,434,792	232,199	4.3	1,159,327	2,291,760	18,128,318

<sup>1</sup> Tables were previously compiled on a calendar-year basis.

Bureau of Animal Industry.

Current data on brucellosis work, including progress by States and counties, may be obtained from the Bureau of Animal Industry.

TABLE 511.—*Milk cows and dairy products: Average prices received by farmers, and paid by dealers, United States, 1938-47*

Year	Prices received by farmers for—			Prices paid to producers for milk, per 100 pounds (3.5 percent butterfat basis)	
	Milk cows, per head <sup>1</sup>	Whole milk wholesale, per 100 pounds <sup>2</sup>	Butterfat, per pound <sup>3</sup>	By con- denseries <sup>4</sup>	By fluid milk distributors <sup>5</sup>
	Dollars	Dollars	Cents	Dollars	Dollars
1938.....	56.70	1.72	26.3	1.25	2.26
1939.....	58.60	1.68	23.9	1.24	2.17
1940.....	61.00	1.82	28.0	1.35	2.21
1941.....	71.70	2.18	34.2	1.81	2.40
1942.....	89.70	2.57	39.6	2.08	2.79
1943.....	114.00	* 3.12	* 49.9	2.61	3.16
1944.....	107.00	* 3.21	* 50.3	2.66	3.24
1945.....	111.00	* 3.19	* 50.3	2.63	3.26
1946.....	131.00	* 3.96	* 64.3	3.36	3.92
1947 <sup>7</sup> .....	151.00	4.25	71.8	3.46	4.71

<sup>1</sup> Annual price is straight average of United States prices for 12 months.<sup>2</sup> Average wholesale price for whole milk sold for all purposes, based on reports from milk-market administrators, cooperative milk-marketing associations, whole-milk distributors, and milk-products manufacturing plants. Annual prices, by States, weighted by estimated volume of milk sold wholesale.<sup>3</sup> Based on reports of special price reporters. Annual prices, by States, weighted by estimated volume of cream sold.<sup>4</sup> All prices f.o.b. factory.<sup>5</sup> Dealers' buying prices, f.o.b. local shipping point or country plant, for standard grade milk which is used for city distribution as milk and cream.<sup>6</sup> Does not include Government dairy production program payments, made October 1943 to June 1946.<sup>7</sup> Preliminary.

Bureau of Agricultural Economics.

TABLE 512.—Butterfat-feed and milk-feed price ratios and value of concentrate rations fed to milk cows, United States, average 1927-46, annual 1938-47<sup>1</sup>

Year	Butterfat-feed price ratio <sup>2</sup>	Milk-feed price ratio <sup>3</sup>	Value per 100 pounds of grain and concentrates fed to milk cows <sup>4</sup>		Year	Butterfat-feed price ratio <sup>2</sup>	Milk-feed price ratio <sup>3</sup>	Value per 100 pounds of grain and concentrates fed to milk cows <sup>4</sup>	
			Cream selling areas	Whole milk selling areas				Cream selling areas	Whole milk selling areas
	Pounds	Pounds	Dollars	Dollars		Pounds	Pounds	Dollars	Dollars
1927-46 avg.	24.6	1.28	1.53	1.81	1943.....	24.8	1.35	2.09	2.39
1938.....	25.1	1.32	1.06	1.33	1944.....	24.5	1.39	2.39	2.74
1939.....	22.6	1.29	1.07	1.32	1945.....	27.5	1.41	2.31	2.67
1940.....	24.0	1.29	1.19	1.43	1946.....	26.8	1.38	2.77	3.16
1941.....	26.4	1.39	1.30	1.58	1947.....	21.9	1.17	3.37	3.70
1942.....	24.4	1.5	1.66	1.96					

<sup>1</sup> Annual ratios based on average of monthly ratios.<sup>2</sup> Pounds of concentrate ration equal in value to 1 pound of butterfat.<sup>3</sup> Pounds of concentrate ration equal in value to 1 pound of whole milk.<sup>4</sup> Includes allowances for Government dairy production program payments for the period October 1943 through June 1946.

Bureau of Agricultural Economics.

TABLE 513.—Milk and butter production on farms: Estimated number of producing cows, milk and butterfat yield per cow, total quantity of milk and butterfat produced, and butter churned, United States, 1930-47

Year	Milk cows on farms <sup>1</sup>	Production per milk cow <sup>2</sup>		Percentage of butterfat in milk	Total production on farms <sup>3</sup>		Butter churned on farms
		Milk	Butterfat		Milk	Butterfat	
	Thousands	Pounds	Pounds	Percent	Million pounds	Million pounds	1,000 pounds
1930.....	22,218	4,508	176.8	3.92	100,158	3,929	523,285
1931.....	23,108	4,459	175.0	3.93	103,029	4,045	544,395
1932.....	24,105	4,307	169.2	3.93	103,810	4,079	581,450
1933.....	25,062	4,180	164.2	3.93	104,762	4,114	579,845
1934.....	25,198	4,033	158.7	3.94	101,621	3,999	558,649
1935.....	24,187	4,184	165.4	3.95	101,205	4,000	539,110
1936.....	23,727	4,316	170.3	3.95	102,410	4,041	501,900
1937.....	23,340	4,366	172.5	3.95	101,908	4,025	472,270
1938.....	23,215	4,558	180.1	3.95	105,807	4,180	453,960
1939.....	23,273	4,589	181.5	3.95	106,792	4,223	428,689
1940.....	23,677	4,625	183.6	3.97	109,502	4,348	402,690
1941.....	24,312	4,741	188.4	3.97	115,268	4,580	395,476
1942.....	25,081	4,740	188.3	3.97	118,884	4,722	366,370
1943.....	25,574	4,606	183.1	3.98	117,785	4,682	341,120
1944.....	25,775	4,578	182.2	3.98	117,992	4,696	329,148
1945.....	25,329	4,797	190.9	3.98	121,504	4,836	336,990
1946.....	24,475	4,891	194.5	3.98	119,713	4,760	333,780
1947 <sup>4</sup> .....	23,871	5,000	199.1	3.98	119,366	4,753	315,840

<sup>1</sup> Average number on farms during year, heifers that have not freshened excluded.<sup>2</sup> Excludes milk sucked by calves and milk produced by cows not on farms.<sup>3</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1924-29 on most items in Agricultural Statistics, 1942, table 593.

TABLE 514.—Milk: Quantities used for various purposes on farms where produced, and quantities sold from farms or utilized for the preparation of dairy products for sale, United States, 1930-47

Year	Milk used on farms where produced				Milk utilized in products sold from farms				
	Fed to calves	Consumed in the household		Total farm use	For farm-churned butter sold	For wholesale deliveries to plants, dealers, etc.		For retail sales of milk and cream by farmers <sup>1</sup>	Total utilized for products sold
		As whole milk or cream	As farm-churned butter			As cream	As milk <sup>1</sup>		
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds
1930	2,986	11,207	8,150	22,343	2,497	33,974	34,497	6,847	77,815
1931	2,967	11,913	8,554	23,464	2,507	35,468	34,614	6,976	79,565
1932	2,859	12,507	9,180	24,546	2,640	36,095	33,501	7,028	79,264
1933	2,878	12,784	9,293	24,955	2,505	36,524	33,705	7,073	79,807
1934	2,688	12,773	9,120	24,581	2,223	33,867	33,869	7,081	77,040
1935	2,676	12,410	8,807	23,893	2,124	32,564	35,647	6,977	77,312
1936	2,755	12,077	8,256	23,088	1,907	31,904	38,777	6,734	79,322
1937	2,724	11,955	7,795	22,474	1,753	30,644	40,470	6,567	79,434
1938	2,850	11,950	7,494	22,294	1,679	32,728	42,657	6,449	83,513
1939	2,967	12,167	7,102	22,236	1,551	32,987	43,801	6,217	84,556
1940	2,994	12,063	6,688	21,745	1,441	33,044	47,170	6,102	87,757
1941	3,124	12,020	6,587	21,731	1,380	34,091	52,121	5,945	93,537
1942	3,294	11,856	6,127	21,277	1,238	31,322	59,185	5,862	97,607
1943	3,276	11,615	5,770	20,661	1,081	30,188	60,116	5,739	97,124
1944	3,270	11,685	5,571	20,526	1,037	29,422	64,338	5,669	97,466
1945	3,335	11,671	5,680	20,686	1,075	24,288	69,836	5,619	100,818
1946	3,255	12,318	5,540	21,113	1,090	21,380	70,591	5,539	98,600
1947 <sup>2</sup>	3,228	12,295	5,302	20,825	966	21,001	71,269	5,305	98,541

<sup>1</sup> Estimates include milk delivered to creameries, condensaries, cheese factories, and markets milk receiving stations, but exclude market milk sold to other farmers for local delivery.

<sup>2</sup> Approximations based chiefly on the population in small towns and rural areas, where most families purchase their milk supply directly from local farmers.

<sup>3</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1924-29 in Agricultural Statistics, 1942, table 596.

TABLE 515.—Milk and butter production on farms: Estimated number of producing cows, milk and butterfat yield per cow, total quantity of milk and butterfat produced, and butter churned, by States, 1946

State and division	Milk cows on farms <sup>1</sup>	Production per milk cows <sup>2</sup>		Percentage of butterfat in milk	Total production on farms <sup>2</sup>		Butter churned on farms
		Milk	Butterfat		Milk	Butterfat in milk	
	Thousands	Pounds	Pounds	Percent	Million pounds	Million pounds	1,000 pounds
Maine	120	5,170	217	4.2	620	26	4,900
New Hampshire	65	5,120	200	3.9	333	13	650
Vermont	29	5,200	213	4.1	1,451	59	700
Massachusetts	131	5,870	235	4.0	760	31	400
Rhode Island	20	6,400	250	3.9	128	5	20
Connecticut	117	5,760	219	3.8	674	26	250
New York	1,327	5,880	223	3.8	7,803	297	6,000
New Jersey	156	6,720	262	3.9	1,048	41	330
Pennsylvania	955	5,570	217	3.9	5,319	207	9,000
North Atlantic	3,170	5,724	222.4	3.89	18,145	705	22,250
Ohio	1,046	5,000	205	4.1	5,230	214	4,600
Indiana	770	4,820	205	4.25	3,711	158	2,700
Illinois	1,069	5,220	201	3.85	5,580	215	4,600
Michigan	1,012	5,640	223	3.95	5,708	225	4,300
Wisconsin	2,454	6,360	235	3.7	15,607	577	700
East North Central	6,351	5,643	218.7	3.88	35,836	1,389	16,900
Minnesota	1,607	5,420	195	3.6	8,710	314	1,800
Iowa	1,286	5,200	198	3.8	6,687	254	4,000
Missouri	970	4,300	185	4.3	4,171	179	10,000
North Dakota	463	4,280	160	3.75	1,982	74	5,500
South Dakota	403	3,970	151	3.8	1,600	61	2,900
Nebraska	533	4,660	177	3.8	2,484	94	5,600
Kansas	666	4,310	172	4.0	2,870	115	5,100
West North Central	5,928	4,808	184.0	3.83	28,504	1,091	34,900
Delaware	37	4,750	190	4.0	176	7	180
Maryland	217	5,140	206	4.0	1,115	45	1,300
Virginia	437	4,190	178	4.25	1,831	78	17,500
West Virginia	219	3,820	164	4.3	887	36	7,800
North Carolina	361	4,130	186	4.5	1,491	67	25,300
South Carolina	164	3,660	165	4.5	600	27	10,800
Georgia	364	3,270	147	4.5	1,190	54	23,000
Florida	127	3,820	162	4.25	485	21	1,500
South Atlantic	1,926	4,011	173.9	4.34	7,725	335	87,380
Kentucky	570	3,930	173	4.4	2,240	99	14,600
Tennessee	599	3,720	166	4.45	2,228	99	23,200
Alabama	398	3,430	154	4.5	1,365	61	31,300
Mississippi	508	2,710	122	4.5	1,377	62	19,500
Arkansas	452	3,010	132	4.4	1,361	60	17,000
Louisiana	290	2,300	104	4.5	667	30	5,500
Oklahoma	710	3,380	145	4.3	2,400	103	9,800
Texas	1,330	3,070	135	4.4	4,083	180	35,000
South Central	4,857	3,237	142.9	4.41	15,721	694	155,900
Montana	137	4,840	191	3.95	663	26	2,300
Idaho	215	5,870	229	3.9	1,262	49	1,300
Wyoming	60	4,950	186	3.75	297	11	880
Colorado	209	4,760	181	3.8	995	38	2,100
New Mexico	62	4,000	168	4.2	248	10	900
Arizona	44	5,540	211	3.8	244	9	450
Utah	110	6,110	229	3.75	672	25	940
Nevada	17	5,700	211	3.7	97	4	180
Washington	328	6,410	269	4.2	2,102	88	3,300
Oregon	236	5,660	255	4.5	1,336	60	2,000
California	825	7,110	274	3.85	5,866	226	2,100
Western	2,243	6,144	243.4	3.96	13,782	546	16,450
United States	24,475	4,891	194.5	3.98	119,713	4,760	333,780

<sup>1</sup> Estimated average number during year, heifers not freshened excluded.<sup>2</sup> Excludes milk sucked by calves and milk produced by cows not on farms.

Bureau of Agricultural Economics.

## MILK UTILIZATION

407

TABLE 516.—Milk: Quantities used for various purposes on farms where produced, and quantities sold from farms or utilized for the preparation of dairy products for sale, by States, 1946

State and division	Milk used on farms where produced				Milk utilized in products sold from farms				
	Fed to calves	Consumed in the household		Total farm use	For farm-burned butter sold	For wholesale deliveries to plants, dealers, etc.		For retail sales of milk and cream by farmers <sup>2</sup>	Total utilized for products sold
		As whole milk or cream	As farm-burned butter			As cream	As milk <sup>1</sup>		
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds
Maine.....	11	70	46	127	52	20	330	91	493
New Hampshire.....	7	28	6	41	7	4	238	43	292
Vermont.....	30	59	6	95	8	14	1,293	41	1,356
Massachusetts.....	12	47	5	64	3	4	566	132	705
Rhode Island.....	2	6	—	8	—	—	100	20	120
Connecticut.....	16	39	4	59	1	1	501	112	615
New York.....	226	350	71	647	62	51	6,660	383	7,156
New Jersey.....	17	39	4	60	2	—	860	126	988
Pennsylvania.....	122	389	95	606	99	90	4,030	494	4,713
North Atlantic.....	443	1,027	237	1,707	234	184	14,578	1,442	16,438
Ohio.....	152	466	68	686	24	440	3,860	220	4,544
Indiana.....	96	350	39	485	14	452	2,600	100	3,236
Illinois.....	128	520	84	732	15	833	3,740	260	4,848
Michigan.....	200	420	64	684	28	846	3,950	200	5,024
Wisconsin.....	518	507	11	1,036	5	256	14,170	140	14,571
East North Central.....	1,094	2,293	266	3,623	86	2,827	28,380	920	32,213
Minnesota.....	239	479	39	757	3	3,240	4,610	100	7,953
Iowa.....	201	546	84	831	6	4,550	1,190	110	5,856
Missouri.....	104	552	181	837	19	865	2,310	140	3,334
North Dakota.....	69	179	119	367	5	1,500	74	36	1,615
South Dakota.....	61	188	65	314	3	1,143	95	45	1,286
Nebraska.....	101	272	121	494	6	1,524	365	95	1,990
Kansas.....	101	326	102	529	8	1,333	880	120	2,341
West North Central.....	876	2,542	711	4,129	50	14,155	9,524	646	24,375
Delaware.....	3	12	2	17	2	—	142	15	159
Maryland.....	21	75	15	111	13	14	882	95	1,004
Virginia.....	59	344	282	685	68	214	752	112	1,146
West Virginia.....	28	232	125	385	27	100	225	100	452
North Carolina.....	25	450	401	876	82	33	380	120	615
South Carolina.....	9	190	172	371	34	10	115	70	229
Georgia.....	15	299	351	665	88	30	307	100	525
Florida.....	5	57	23	85	6	2	310	82	400
South Atlantic.....	165	1,659	1,371	3,195	320	403	3,113	694	4,530
Kentucky.....	43	537	264	844	21	450	780	145	1,396
Tennessee.....	31	441	388	860	64	154	1,065	85	1,368
Alabama.....	18	354	506	878	79	25	310	73	487
Mississippi.....	12	381	355	748	17	50	502	60	629
Arkansas.....	16	397	305	718	27	206	325	85	643
Louisiana.....	7	237	95	339	10	8	245	65	328
Oklahoma.....	62	479	180	721	16	863	655	145	1,679
Texas.....	65	1,038	549	1,652	133	448	1,550	300	2,431
South Central.....	254	3,864	2,642	6,760	367	2,204	5,432	958	8,961
Montana.....	24	82	43	149	6	318	130	60	514
Idaho.....	41	102	25	168	2	172	877	43	1,094
Wyoming.....	11	35	18	64	1	100	107	25	233
Colorado.....	39	118	43	200	4	341	385	65	795
New Mexico.....	5	53	16	74	2	62	74	36	174
Arizona.....	7	21	9	37	1	7	165	34	207
Utah.....	20	75	19	114	2	67	449	40	558
Nevada.....	3	8	3	14	1	26	41	15	83
Washington.....	74	160	62	296	6	240	1,425	135	1,806
Oregon.....	46	135	35	216	3	206	831	80	1,120
California.....	153	174	40	367	5	68	5,080	346	5,499
Western.....	423	963	313	1,699	33	1,607	9,564	879	12,083
United States.....	3,255	12,318	5,540	21,113	1,090	21,380	70,591	5,530	98,600

<sup>1</sup> Estimates include milk delivered to creameries, condensaries, cheese factories, and market milk receiving stations, but exclude market milk sold to other farmers for local delivery.<sup>2</sup> Approximations based chiefly on the population in small towns and rural areas, where most families purchase their milk supply directly from local farmers. Bureau of Agricultural Economics.

TABLE 517.—Milk and butter production on farms: Estimated number of producing cows, milk and butterfat yield per cow, total quantity of milk and butterfat produced, and butter churned, by States, 1947 (preliminary)

State and division	Milk cows on farms <sup>1</sup>	Production per milk cow <sup>2</sup>		Percent- age of butterfat in milk	Total production on farms <sup>2</sup>		Butter churned on farms
		Milk	Butterfat		Milk	Butterfat in milk	
	Thousands	Pounds	Pounds	Percent	Million pounds	Million pounds	1,000 pounds
Maine.....	121	5,270	221	4.2	638	27	4,200
New Hampshire.....	64	5,330	208	3.9	341	13	570
Vermont.....	277	5,420	222	4.1	1,501	62	750
Massachusetts.....	128	6,050	242	4.0	774	31	430
Rhode Island.....	20	6,500	254	3.9	130	5	30
Connecticut.....	117	5,900	224	3.8	690	26	300
New York.....	1,327	6,190	235	3.8	8,214	312	5,000
New Jersey.....	157	6,880	268	3.9	1,080	42	350
Pennsylvania.....	957	5,730	223	3.9	5,484	214	6,500
North Atlantic.....	3,168	5,951	231.1	3.88	18,852	732	18,130
Ohio.....	1,042	5,110	210	4.1	5,325	218	4,500
Indiana.....	757	4,840	206	4.25	3,664	156	2,600
Illinois.....	1,049	5,190	200	3.85	5,444	210	4,500
Michigan.....	989	5,760	228	3.95	5,697	225	4,000
Wisconsin.....	2,417	6,370	236	3.7	15,596	570	600
East North Central.....	6,254	5,681	220.5	3.88	35,626	1,379	16,200
Minnesota.....	1,530	5,500	198	3.6	8,415	303	1,500
Iowa.....	1,242	5,250	200	3.8	6,520	248	3,700
Missouri.....	941	4,360	187	4.3	4,103	176	9,500
North Dakota.....	432	4,540	170	3.75	1,961	74	5,400
South Dakota.....	375	3,970	151	3.8	1,489	67	2,500
Nebraska.....	506	4,730	180	3.8	2,404	91	6,400
Kansas.....	635	4,470	179	4.0	2,838	114	5,000
West North Central.....	5,661	4,898	187.8	3.83	27,730	1,063	33,000
Delaware.....	36	4,940	198	4.0	178	7	130
Maryland.....	219	5,350	214	4.0	1,172	47	1,000
Virginia.....	442	4,300	183	4.25	1,901	81	16,200
West Virginia.....	217	3,900	168	4.3	846	36	7,800
North Carolina.....	359	4,280	192	4.5	1,629	69	24,000
South Carolina.....	162	3,660	165	4.5	593	27	10,200
Georgia.....	360	3,340	150	4.5	1,202	54	23,000
Florida.....	131	3,800	162	4.25	498	21	1,500
South Atlantic.....	1,926	4,112	177.6	4.32	7,919	342	83,830
Kentucky.....	567	3,960	174	4.4	2,245	99	14,400
Tennessee.....	593	3,820	170	4.45	2,265	101	23,000
Alabama.....	391	3,430	164	4.5	1,341	60	30,000
Mississippi.....	480	2,840	128	4.5	1,383	61	18,500
Arkansas.....	420	3,110	137	4.4	1,306	57	15,700
Louisiana.....	278	2,390	108	4.5	664	30	5,200
Oklahoma.....	660	3,550	153	4.3	2,343	101	9,400
Texas.....	1,270	3,110	137	4.4	3,950	174	33,000
South Central.....	4,659	3,322	146.6	4.41	15,477	683	149,200
Montana.....	130	4,880	193	3.95	634	25	1,900
Idaho.....	208	6,110	238	3.9	1,271	50	1,150
Wyoming.....	58	5,120	192	3.75	297	11	800
Colorado.....	200	5,000	190	3.8	1,000	38	2,100
New Mexico.....	58	4,100	172	4.2	238	10	800
Arizona.....	44	5,900	224	3.8	260	10	500
Utah.....	106	6,200	232	3.75	657	25	750
Nevada.....	17	6,870	217	3.7	100	4	180
Washington.....	319	6,450	271	4.2	2,058	86	3,200
Oregon.....	229	5,900	266	4.5	1,351	61	2,000
California.....	834	7,190	280	3.9	5,996	234	2,100
Western.....	2,203	6,292	251.5	4.00	13,862	554	15,480
United States.....	23,871	5,000	199.1	3.98	119,366	4,753	315,840

<sup>1</sup> Estimated average number during year, heifers not freshened excluded.

<sup>2</sup> Excludes milk sucked by calves and milk produced by cows not on farms.

Bureau of Agricultural Economics.

## MILK UTILIZATION

409

TABLE 518.—Milk: Quantities used for various purposes on farms where produced, and quantities sold from farms or utilized for the preparation of dairy products for sale, by States, 1947 (preliminary)

State and division	Milk used on farms where produced				Milk utilized in products sold from farms				
	Fed to calves	Consumed in the household		Total farm use	For farm-churned butter sold	For wholesale deliveries to plants, dealers, etc.		For retail sales of milk and cream by farmers <sup>2</sup>	Total utilized for products sold
		As whole milk or cream	As farm-churned butter			As cream	As milk <sup>1</sup>		
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds
Maine.....	11	76	36	123	48	21	360	86	513
New Hampshire.....	6	28	5	39	6	5	247	44	302
Vermont.....	30	62	7	99	8	14	1,340	40	1,402
Massachusetts.....	12	49	5	66	4	4	570	130	708
Rhode Island.....	2	6	1	9			102	19	121
Connecticut.....	15	40	4	59	2	1	518	110	631
New York.....	230	363	55	648	55	73	7,060	378	7,566
New Jersey.....	17	38	6	61	2		910	107	1,019
Pennsylvania.....	126	358	69	553	71	100	4,300	460	4,931
North Atlantic.....	440	1,020	188	1,657	196	218	15,407	1,374	17,195
Ohio.....	149	453	68	670	22	483	3,960	190	4,655
Indiana.....	88	337	41	466	10	450	2,638	100	3,198
Illinois.....	131	493	83	707	14	750	3,753	220	4,737
Michigan.....	199	411	62	672	24	871	3,950	180	5,025
Wisconsin.....	493	475	10	978	4	284	14,000	130	14,418
East North Central.....	1,060	2,169	264	3,493	74	2,838	28,301	820	32,033
Minnesota.....	236	486	33	755	2	3,403	4,150	105	7,660
Iowa.....	202	542	79	823	5	4,422	1,170	100	5,697
Missouri.....	103	530	175	808	15	800	2,340	140	3,295
North Dakota.....	73	181	117	371	5	1,473	78	34	1,590
South Dakota.....	57	168	54	279	2	1,068	100	40	1,210
Nebraska.....	91	272	117	480	5	1,459	370	90	1,924
Kansas.....	105	323	100	528	8	1,252	930	120	2,310
West North Central.....	867	2,502	675	4,044	42	13,877	9,138	629	23,686
Delaware.....	3	13	2	18	1		144	15	160
Maryland.....	22	79	13	114	9		940	96	1,058
Virginia.....	57	358	296	681	58	212	835	115	1,220
West Virginia.....	26	236	127	389	25	107	230	95	457
North Carolina.....	28	491	382	901	76	24	413	115	628
South Carolina.....	9	193	164	366	31	10	120	66	227
Georgia.....	17	307	357	681	82	30	315	94	521
Florida.....	5	59	24	88	5	1	326	78	410
South Atlantic.....	167	1,736	1,335	3,238	287	397	3,323	674	4,681
Kentucky.....	43	548	260	851	21	380	850	143	1,394
Tennessee.....	39	455	390	884	58	140	1,100	83	1,381
Alabama.....	17	382	476	880	71	20	290	71	452
Mississippi.....	15	381	336	732	17	49	505	60	631
Arkansas.....	18	417	283	718	23	210	275	80	588
Louisiana.....	7	218	90	315	9	8	267	65	349
Oklahoma.....	56	479	174	709	14	790	685	145	1,634
Texas.....	59	1,061	521	1,641	123	466	1,430	290	2,309
South Central.....	254	3,941	2,544	6,739	336	2,063	5,402	937	8,738
Montana.....	24	75	36	135	5	300	135	59	499
Idaho.....	43	96	22	161	2	163	900	45	1,110
Wyoming.....	10	32	17	59	1	110	103	24	238
Colorado.....	39	115	43	197	4	345	389	65	803
New Mexico.....	5	47	14	66	2	60	75	35	172
Arizona.....	7	19	10	36	1	10	177	36	224
Utah.....	20	73	15	108	2	70	438	39	549
Nevada.....	14	7	3	14	1	25	44	16	86
Washington.....	74	157	60	291	6	250	1,376	135	1,767
Oregon.....	49	132	36	217	2	207	848	77	1,134
California.....	156	174	40	370	5	68	5,213	340	5,626
Western.....	431	927	296	1,654	31	1,608	9,698	871	12,208
United States.....	3,228	12,295	5,302	20,825	966	21,001	71,269	5,305	98,541

<sup>1</sup> Estimates include milk delivered to creameries, condensaries, cheese factories, and market milk receiving stations, but exclude market milk sold to other farmers for local delivery.

<sup>2</sup> Approximations based chiefly on the population in small towns and rural areas, where most families purchase their milk supply directly from local farmers.

Bureau of Agricultural Economics.



**TABLE 519.—Farm dairy products: Quantity sold from farms, price, and value; milk utilized for household consumption on farms where produced, and value; gross income from dairy products; and farm value of milk produced, by States, 1946**

State and division	Farm butter			Deliveries to plants, dealers, etc., at wholesale						Milk and cream re-tailed by farmers		
	Quantity sold	Price per pound	Value of sales	Cream sold as butterfat			Whole milk					
				Quantity but-terfat sold	Price per pound butterfat	Value of sales	Quantity sold	Price per 100 pounds	Values of sales			
										Quantity sold, milk equivalent	Price per quart	Value of sales
	1,000 pounds	Cents	1,000 dol.	1,000 pounds	Cents	1,000 dol.	Mil. pounds	Dol.	1,000 dol.	Mil. quarts	Cents	1,000 dol.
Maine	2,600	66	1,716	840	68	571	330	4.46	14,718	42	16.0	6,720
New Hampshire	340	68	231	160	70	112	238	4.68	11,138	20	16.1	3,220
Vermont	400	65	260	160	66	403	1,293	4.57	59,060	19	15.8	3,002
Massachusetts	160	68	109	610	69	110	586	4.96	28,074	61	17.3	10,553
Rhode Island	6	67	4	—	—	—	100	4.93	4,930	9	17.3	1,557
Connecticut	60	68	41	40	69	28	501	4.93	24,696	52	17.2	8,944
New York	2,800	66	1,848	1,900	63	1,197	6,660	4.29	285,714	178	15.6	27,768
New Jersey	90	67	60	—	—	—	860	4.82	41,452	59	17.6	10,384
Pennsylvania	4,600	66	3,036	3,440	64	2,202	4,030	4.34	174,022	230	16.5	37,950
North Atlantic	11,056	66.1	7,305	7,150	64.7	4,623	14,578	4.42	644,717	670	16.4	110,068
Ohio	1,200	66	792	17,910	64	11,462	3,860	4.12	159,032	102	15.6	15,912
Indiana	700	65	455	18,830	64	12,090	2,600	4.07	108,262	47	14.7	6,909
Illinois	700	64	448	31,570	62	19,573	3,740	3.73	139,502	121	13.7	16,577
Michigan	1,300	67	871	32,570	68	22,148	3,950	3.96	154,050	93	14.4	13,312
Wisconsin	220	65	143	9,420	70	6,594	14,170	3.44	487,448	65	13.8	8,970
East North Central	4,120	65.8	2,709	110,360	65.1	71,867	28,380	3.69	1,048,294	428	14.4	61,760
Minnesota	130	64	83	114,050	68	77,554	4,610	3.44	158,584	47	13.0	6,110
Iowa	250	65	162	166,530	67	111,575	1,190	3.34	39,746	51	12.9	6,579
Missouri	950	62	589	35,720	62	22,146	2,310	3.89	89,859	65	13.3	8,645
North Dakota	200	64	128	54,750	64	35,040	74	3.26	2,412	17	12.6	2,142
South Dakota	120	64	77	41,610	63	26,214	95	3.23	3,068	21	12.8	2,688
Nebraska	250	64	160	55,630	61	33,934	365	3.58	13,067	44	13.1	5,764
Kansas	350	64	224	50,650	61	30,896	880	3.63	31,944	56	13.7	7,672
West North Central	2,250	63.2	1,423	518,940	65.0	337,359	9,524	3.56	338,680	361	13.2	39,600
Delaware	80	64	51	—	—	—	142	4.36	6,191	7	16.0	1,120
Maryland	600	60	360	—	—	—	882	4.71	41,542	44	15.5	6,820
Virginia	3,400	55	1,870	8,590	59	5,050	752	4.59	34,517	52	15.2	7,904
West Virginia	1,400	59	826	4,100	64	2,624	225	4.26	9,585	47	15.4	7,238
North Carolina	4,300	50	2,150	1,370	53	726	380	4.58	17,401	56	16.8	9,408
South Carolina	1,800	54	972	420	53	223	115	4.82	5,543	33	17.0	5,610
Georgia	4,600	52	2,392	1,250	52	650	307	4.75	14,582	47	16.8	7,896
Florida	300	63	189	80	60	48	310	5.53	17,143	38	19.1	7,258
South Atlantic	16,480	53.5	8,810	16,310	59.1	9,644	3,113	4.71	146,507	324	16.4	53,254
Kentucky	1,100	58	638	18,760	62	11,631	780	3.90	30,420	67	14.0	9,360
Tennessee	3,300	49	1,617	6,440	59	3,800	1,065	4.29	45,688	40	14.1	5,540
Alabama	4,200	49	2,058	1,040	55	572	310	4.46	13,826	34	16.1	5,474
Mississippi	900	55	495	2,160	56	1,210	502	4.20	21,084	28	15.0	4,200
Arkansas	1,400	57	798	8,450	59	4,986	325	3.92	12,740	40	14.0	5,600
Louisiana	500	59	295	340	54	184	245	4.93	12,078	30	15.1	4,530
Oklahoma	800	62	496	35,640	60	21,384	655	3.80	24,890	67	14.0	9,380
Texas	6,800	60	4,080	18,590	58	10,782	1,550	4.39	68,045	140	15.4	21,560
South Central	19,000	55.1	10,477	91,420	59.7	54,549	5,432	4.21	228,771	446	14.7	65,764
Montana	260	63	164	12,180	63	7,673	130	3.20	4,160	28	13.8	3,864
Idaho	100	65	65	6,620	66	4,369	877	3.48	30,520	20	13.8	2,760
Wyoming	60	64	38	3,720	63	2,344	107	3.39	3,627	12	14.0	1,680
Colorado	190	65	124	12,410	63	7,818	385	3.67	14,130	30	13.9	4,170
New Mexico	90	63	57	2,500	61	1,525	74	4.76	3,522	17	15.8	2,686
Arizona	60	61	37	260	60	156	165	4.00	6,600	16	16.0	2,560
Utah	100	65	65	2,500	64	1,600	449	3.47	15,880	19	13.0	2,470
Nevada	30	65	20	960	68	653	41	3.62	1,484	7	14.4	1,008
Washington	300	66	198	9,910	66	6,541	1,425	3.94	56,145	63	14.9	9,387
Oregon	150	67	100	8,920	69	6,155	831	4.42	36,730	37	15.3	5,661
California	250	64	160	2,620	66	1,729	5,080	4.20	213,360	161	16.0	25,760
Western	1,590	64.7	1,028	62,600	64.8	40,563	9,564	4.03	385,858	410	15.1	62,006
United States	54,496	58.3	31,752	806,780	64.3	518,605	70,591	3.96	2,792,827	2,579	15.2	392,482

TABLE 519.—*Farm dairy products: Quantity sold from farms, price, and value; milk utilized for household consumption on farms where produced, and value; gross income from dairy products; and farm value of milk produced, by States, 1946—Continued*

State and division	Combined sales of milk, cream, and farm butter				Household consumption of milk, cream, and farm butter on farms where produced		Gross farm income from dairy products <sup>4</sup>	Farm value of milk produced <sup>5</sup>
	Milk utilized <sup>1</sup>	Average returns <sup>2</sup>		Value of sales (receipts from farm marketings)	Milk utilized	Value <sup>3</sup>		
		Per 100 pounds milk	Per pound butterfat					
	Million pounds	Dollars	Cents	1,000 dollars	Million pounds	1,000 dollars	1,000 dollars	1,000 dollars
Maine	493	4.81	115	23,725	116	5,580	29,305	29,822
New Hampshire	292	5.03	129	14,701	34	1,710	16,411	16,750
Vermont	1,356	4.63	113	62,755	65	3,010	65,765	67,181
Massachusetts	705	5.51	138	38,846	52	2,865	41,711	42,372
Rhode Island	129	5.41	139	6,491	6	325	6,816	6,925
Connecticut	615	5.48	144	33,712	43	2,356	36,068	36,935
New York	7,156	4.42	116	316,527	421	18,608	335,135	344,893
New Jersey	988	5.25	135	51,896	43	2,258	54,154	55,020
Pennsylvania	4,713	4.63	119	218,090	484	22,409	240,499	246,270
North Atlantic	16,438	4.66	119.8	766,743	1,264	59,121	825,864	846,168
Ohio	4,544	4.12	100	187,198	534	22,001	209,199	215,476
Indiana	3,226	3.96	93	127,716	389	15,404	143,120	146,956
Illinois	4,848	3.63	94	176,100	604	21,925	198,025	202,554
Michigan	5,024	3.79	96	190,461	484	18,344	208,805	216,333
Wisconsin	14,571	3.45	93	503,155	518	17,871	521,026	538,442
East North Central	32,213	3.68	94.8	1,184,630	2,529	95,545	1,280,175	1,319,761
Minnesota	7,953	3.05	85	242,331	518	15,799	258,130	265,655
Iowa	5,856	2.70	71	158,062	630	17,010	175,072	180,549
Missouri	3,334	3.64	85	121,239	733	26,681	147,920	151,824
North Dakota	1,615	2.46	66	39,722	298	7,331	47,053	48,757
South Dakota	1,286	2.49	66	32,047	253	6,300	38,347	39,840
Nebraska	1,990	2.66	70	52,925	393	10,454	63,379	66,074
Kansas	2,341	3.02	76	70,736	428	12,926	83,662	86,674
West North Central	24,375	2.94	76.8	717,062	3,253	96,501	813,563	839,373
Delaware	159	4.63	116	7,362	14	648	8,010	8,149
Maryland	1,004	4.88	122	49,045	90	4,392	53,437	54,412
Virginia	1,146	4.31	101	49,341	626	26,981	76,322	78,916
West Virginia	452	4.49	104	20,273	357	16,029	36,302	37,581
North Carolina	615	4.83	107	29,688	851	41,103	70,791	72,015
South Carolina	229	5.39	120	12,348	362	19,512	31,860	32,340
Georgia	525	4.86	108	25,520	650	31,590	57,110	57,834
Florida	400	6.16	145	24,638	80	4,928	29,566	29,876
South Atlantic	4,530	4.82	111.1	218,215	3,030	145,183	363,398	371,123
Kentucky	1,390	3.73	85	52,069	801	29,877	81,946	83,552
Tennessee	1,368	4.15	93	56,745	829	34,404	91,149	92,462
Alabama	487	4.50	100	21,930	860	38,700	60,630	61,425
Mississippi	629	4.29	95	26,989	736	31,574	58,563	59,073
Arkansas	643	3.75	85	24,124	702	26,325	50,449	51,038
Louisiana	328	5.21	116	17,087	332	17,297	34,384	34,751
Oklahoma	1,679	3.34	78	56,150	659	22,011	78,161	80,160
Texas	2,431	4.30	98	104,467	1,587	68,241	172,708	175,569
South Central	8,961	4.01	90.9	359,561	6,506	268,429	627,990	638,030
Montana	514	3.09	78	15,861	125	3,862	19,723	20,487
Idaho	1,094	3.45	88	37,714	127	4,382	42,096	43,539
Wyoming	233	3.30	88	7,689	53	1,749	9,438	9,801
Colorado	795	3.30	87	26,242	161	5,313	31,555	32,835
New Mexico	174	4.48	107	7,790	69	3,091	10,881	11,110
Arizona	207	4.52	119	9,353	30	1,356	10,709	11,029
Utah	558	3.53	94	19,715	94	3,318	23,033	23,722
Nevada	83	3.81	103	3,165	11	419	3,584	3,696
Washington	1,806	4.00	95	72,271	222	8,880	81,151	84,080
Oregon	1,120	4.34	96	48,646	170	7,378	56,024	57,982
California	5,469	4.38	114	241,009	214	9,373	250,382	256,991
Western	12,083	4.05	102.3	489,455	1,276	49,121	538,576	555,212
United States	98,600	3.79	95.2	3,735,666	17,858	713,900	4,440,806	4,569,067

Footnotes 1, 2, 3, 4, and 5 same as those for table 521, page 414.

**TABLE 520.—Farm dairy products: Quantity sold from farms, price, and value; milk utilized for household consumption on farms where produced, and value; gross income from dairy products; and farm value of milk produced, by States, 1947 (preliminary)**

State and division	Farm butter			Deliveries to plants, dealers, etc., at wholesale									Milk and cream retailed by farmers		
	Quantity sold	Price per pound	Value of sales	Cream sold as butterfat						Whole milk					
				Quantity butterfat sold	Price per pound butterfat	Value of sales	Quantity sold	Price per 100 pounds	Value of sales	Quantity sold, milk equivalent	Price per quart	Value of sales			
	1,000 pounds	Cents	1,000 dol.	1,000 pounds	Cents	1,000 dol.	Mil. pounds	Dol.	1,000 dol.	Mil. quarts	Cents	1,000 dol.			
Maine	2,400	70	1,680	890	74	659	300	4.67	16,812	40	18.1	7,240			
New Hampshire	300	74	222	200	77	154	247	5.26	12,992	20	19.3	3,860			
Vermont	430	72	310	610	75	458	1,340	4.87	65,258	19	18.7	3,553			
Massachusetts	180	73	131	160	76	122	570	5.44	31,008	60	19.6	11,760			
Rhode Island	6	73	0	40	76	30	102	5.66	5,773	9	19.6	1,764			
Connecticut	70	73	51	40	76	30	518	5.65	29,267	51	19.7	10,047			
New York	2,500	71	1,775	2,720	71	1,931	7,060	4.54	320,524	176	17.8	31,328			
New Jersey	90	73	66				910	5.37	48,867	50	19.4	9,700			
Pennsylvania	3,300	72	2,376	3,820	73	2,789	4,300	4.80	206,400	214	19.0	40,660			
North Atlantic	9,278	71.3	6,617	8,440	72.8	6,143	15,407	4.78	736,901	639	18.8	119,912			
Ohio	1,100	72	792	19,660	70	13,762	3,960	4.36	172,656	88	17.7	15,576			
Indiana	500	71	355	18,810	70	13,167	2,638	4.25	112,115	47	16.8	7,896			
Illinois	650	72	468	28,420	68	19,326	3,753	3.92	147,118	104	15.4	15,708			
Michigan	1,100	74	814	33,530	76	25,483	3,950	4.27	168,665	84	16.5	13,860			
Wisconsin	180	75	135	10,450	78	8,151	14,000	3.52	492,800	60	16.0	9,600			
East North Central	3,530	72.6	2,564	110,870	72.1	79,889	28,301	3.86	1,093,354	381	16.4	62,640			
Minnesota	100	74	74	119,790	77	92,238	4,150	3.43	142,345	49	15.1	7,399			
Iowa	240	74	178	161,850	77	124,624	1,170	3.82	44,694	47	15.4	7,238			
Missouri	750	67	502	33,040	66	21,806	2,340	4.08	95,472	65	15.1	9,815			
North Dakota	200	72	144	53,760	71	38,170	78	3.77	2,941	16	15.1	2,416			
South Dakota	100	72	72	38,880	70	27,216	100	3.98	3,980	19	15.5	2,945			
Nebraska	200	72	144	53,250	68	36,210	370	3.93	14,541	42	15.7	6,594			
Kansas	350	71	248	47,580	66	31,403	930	3.91	36,363	56	16.0	8,960			
West North Central	1,940	70.2	1,362	508,150	73.1	371,667	9,138	3.72	340,336	294	15.4	45,367			
Delaware	60	68	41				144	4.83	6,955	7	18.6	1,302			
Maryland	400	66	264			333	940	5.28	49,632	45	18.8	8,460			
Virginia	2,900	58	1,682	8,480	68	5,342	835	5.10	42,585	53	17.0	9,010			
West Virginia	1,300	63	819	4,390	72	3,161	230	4.77	10,971	44	17.3	7,612			
North Carolina	4,000	56	2,240	1,000	58	580	413	5.15	21,270	53	18.6	9,858			
South Carolina	1,600	60	960	420	59	248	120	5.46	6,532	31	18.7	5,797			
Georgia	4,300	56	2,408	1,250	58	725	315	5.57	17,546	44	18.7	8,228			
Florida	270	67	181	40	62	25	326	6.62	21,581	36	21.0	7,560			
South Atlantic	14,830	58.0	8,595	16,070	64.8	10,414	3,323	5.33	177,092	313	18.5	57,827			
Kentucky	1,000	62	682	15,850	66	10,461	850	4.12	35,020	67	16.5	11,055			
Tennessee	3,000	53	1,590	5,850	66	3,861	1,100	4.64	51,040	39	15.8	6,162			
Alabama	3,800	52	1,976	840	62	521	290	5.37	15,573	33	17.7	5,841			
Mississippi	900	61	549	2,110	67	1,414	505	4.63	23,382	28	17.7	4,956			
Arkansas	1,200	63	756	8,610	64	5,510	275	4.50	12,375	37	15.9	5,883			
Louisiana	450	64	288	340	62	211	267	5.71	15,246	30	17.8	5,340			
Oklahoma	700	69	483	32,630	64	20,883	685	4.23	28,976	67	16.7	11,180			
Texas	6,300	66	4,158	19,340	64	12,378	1,430	5.44	77,792	135	18.3	24,705			
South Central	17,450	60.1	10,492	85,570	64.6	55,239	5,402	4.80	259,404	436	17.2	75,131			
Montana	220	73	161	11,490	71	8,158	135	3.87	5,224	27	16.4	4,428			
Idaho	90	75	68	6,280	73	4,584	900	3.59	32,310	21	15.8	3,318			
Wyoming	60	74	44	4,090	71	2,904	103	3.85	3,966	11	16.2	1,782			
Colorado	190	72	137	12,560	70	8,792	389	4.44	17,272	30	16.4	4,920			
New Mexico	80	71	57	2,420	67	1,621	75	5.65	4,238	16	18.9	3,024			
Arizona	60	72	43	380	72	274	177	4.93	8,726	17	18.1	3,077			
Utah	80	77	62	2,610	72	1,879	438	3.94	17,257	18	15.4	2,772			
Nevada	30	78	23	920	75	690	44	3.88	1,707	7	15.8	1,106			
Washington	300	75	225	10,320	74	7,637	1,376	4.57	62,883	63	17.7	11,151			
Oregon	130	76	99	8,960	75	6,720	848	4.69	39,771	36	17.9	6,408			
California	250	75	188	2,620	75	1,965	5,213	4.39	228,851	188	17.6	27,808			
Western	1,490	74.3	1,107	62,650	72.2	45,224	9,698	4.35	422,205	404	17.3	69,794			
United States	48,518	63.3	30,727	791,750	71.8	568,576	71,269	4.26	3,029,292	2,467	17.5	430,671			

TABLE 520.—*Farm dairy products: Quantity sold from farms, price, and value; milk utilized for household consumption on farms where produced, and value; gross income from dairy products, and farm value of milk produced, by States, 1947 (preliminary)*—Continued

State and division	Combined sales of milk, cream, and farm butter				Household consumption of milk, cream, and farm butter on farms where produced		Gross farm income from dairy products <sup>4</sup>	Farm value of milk produced <sup>5</sup>
	Milk utilized <sup>1</sup>	Average returns <sup>2</sup>		Value of sales (receipts from farm marketings)	Milk utilized	Value <sup>3</sup>		
		Per 100 pounds milk	Per pound butterfat					
	Million pounds	Dollars	Cents	1,000 dollars	Million pounds	1,000 dollars	1,000 dollars	1,000 dollars
Maine.....	515	5.12	122	26,391	112	5,734	32,125	32,666
New Hampshire.....	302	5.70	146	17,228	31	1,881	19,109	19,437
Vermont.....	1,402	4.96	121	69,57	69	3,422	73,001	74,480
Massachusetts.....	708	6.08	152	43,02	54	3,283	46,304	47,059
Rhode Island.....	121	6.23	160	7,543	7	436	7,979	8,099
Connecticut.....	631	6.24	164	39,395	44	2,746	42,141	43,056
New York.....	7,566	4.70	124	355,558	418	19,646	375,204	386,058
New Jersey.....	1,019	5.75	147	68,633	44	530	61,163	62,100
Pennsylvania.....	4,931	5.12	131	252,225	427	1,862	274,087	280,781
North Atlantic.....	17,195	5.06	130.4	9,573	1,208	1,540	931,113	953,706
Ohio.....	4,655	4.36	106	202,786	521	22,716	225,502	232,170
Indiana.....	3,198	4.18	98	133,533	378	15,800	149,333	153,155
Illinois.....	4,737	3.86	100	182,620	576	22,234	204,854	210,138
Michigan.....	5,025	4.16	105	208,822	473	19,677	228,499	236,995
Wisconsin.....	14,418	3.54	96	510,686	485	17,169	527,855	545,018
East North Central.....	32,033	3.87	99.7	1,238,447	2,433	97,596	1,336,043	1,377,476
Minnesota.....	7,660	3.16	88	242,056	519	16,400	258,456	265,914
Iowa.....	5,697	3.10	82	176,734	621	19,251	195,985	202,120
Missouri.....	3,295	3.87	90	127,595	705	27,284	154,879	158,758
North Dakota.....	1,590	2.75	73	43,671	298	8,195	51,866	53,928
South Dakota.....	1,210	2.83	74	34,213	222	6,283	40,496	42,139
Nebraska.....	1,924	2.99	79	57,489	389	11,631	69,120	71,880
Kansas.....	2,310	3.33	83	76,974	423	14,086	91,060	94,505
West North Central.....	23,686	3.20	83.6	758,732	3,177	103,130	861,862	889,272
Delaware.....	160	5.19	130	8,298	15	778	9,076	9,238
Maryland.....	1,038	5.55	139	58,689	92	5,106	63,795	65,046
Virginia.....	1,220	4.80	113	58,619	624	29,952	88,571	91,248
West Virginia.....	457	4.94	115	22,563	363	17,932	40,495	41,792
North Carolina.....	628	5.41	120	33,948	873	47,229	81,177	82,719
South Carolina.....	227	5.97	133	13,557	357	21,313	34,870	35,402
Georgia.....	521	5.55	123	28,907	664	36,852	65,759	66,711
Florida.....	410	7.16	168	29,347	83	5,943	35,290	35,657
South Atlantic.....	4,681	5.42	125.5	253,928	3,071	165,105	419,033	427,813
Kentucky.....	1,394	4.10	93	57,218	808	33,128	90,346	92,045
Tennessee.....	1,381	4.54	102	62,653	845	38,363	101,016	102,831
Alabama.....	452	5.29	118	23,911	872	46,129	70,040	70,939
Mississippi.....	631	4.80	107	30,301	717	34,416	64,717	65,424
Arkansas.....	588	4.17	95	24,524	700	29,190	53,714	54,460
Louisiana.....	349	6.04	134	21,085	308	18,603	39,688	40,106
Oklahoma.....	1,634	3.77	88	61,531	653	24,618	86,149	88,331
Texas.....	2,309	5.16	117	119,033	1,582	81,631	200,664	203,820
South Central.....	8,738	4.58	103.9	400,256	6,485	306,078	706,334	717,956
Montana.....	499	3.60	91	17,971	111	3,996	21,067	22,824
Idaho.....	1,110	3.63	93	40,280	118	4,283	44,563	46,137
Wyoming.....	238	3.65	97	8,696	49	1,788	10,484	10,840
Colorado.....	803	3.88	102	31,121	158	6,130	37,251	38,800
New Mexico.....	172	5.20	124	8,940	61	3,172	12,112	12,376
Arizona.....	224	5.41	142	12,120	29	1,669	13,689	14,066
Utah.....	549	4.00	107	21,970	88	3,520	25,490	26,280
Nevada.....	86	4.10	111	3,526	10	410	3,936	4,100
Washington.....	1,767	4.63	110	81,896	217	10,047	91,943	95,285
Oregon.....	1,134	4.67	104	52,998	168	7,846	60,844	63,092
California.....	5,626	4.60	118	268,812	214	9,844	268,656	275,816
Western.....	12,208	4.41	110.2	538,330	1,223	52,605	590,935	609,616
United States.....	98,541	4.12	103.5	4,050,266	17,597	786,054	4,845,320	4,975,839

Footnotes 1, 2, 3, 4, and 5 same as those for table 521, page 414.

**TABLE 521.—Farm dairy products: Quantity sold from farms, price, and value; milk utilized for household consumption on farms where produced, and value; gross farm income from dairy products; and farm value of milk produced, United States, 1930-47**

Year	Farm butter			Deliveries to plants, dealers, etc., at wholesale						Milk and cream re-tailed by farmers			
	Quantity sold	Price per pound	Value of sales	Cream sold as butterfat			Whole milk			Quantity sold, milk equivalent	Price per quart	Value of sales	
				Quantity butterfat sold	Price per pound butterfat	Value of sales	Quantity sold	Price per 100 pounds	Value of sales				
1,000 pounds	Cents	1,000 pounds	1,000 pounds	Cents	1,000 dol.	Mil. pounds	Dol.	1,000 dol.	Mil. quarts	Cents	1,000 dol.		
1930	121,572	36.3	44,119	1,275,870	34.5	440,152	34,497	2.21	764,095	3,189	11.3	359,075	
1931	122,352	27.2	33,321	1,332,560	24.8	329,863	34,611	1.69	584,488	3,244	10.1	329,063	
1932	128,672	20.8	26,721	1,356,200	17.9	242,708	33,501	1.28	427,334	3,269	8.9	289,607	
1933	122,015	20.1	24,533	1,371,050	18.8	257,549	33,705	1.30	439,179	3,288	8.6	282,945	
1934	108,542	22.7	24,636	1,272,220	22.7	288,951	33,869	1.55	523,497	3,293	9.4	308,433	
1935	103,970	26.7	27,766	1,223,590	28.1	343,457	35,617	1.71	620,951	3,243	9.8	318,030	
1936	93,538	28.8	26,982	1,197,170	32.2	345,997	38,777	1.93	748,218	3,135	10.1	316,080	
1937	86,332	29.6	25,548	1,151,270	33.3	342,801	40,470	1.97	796,068	3,056	10.5	320,354	
1938	82,562	26.6	22,001	1,229,860	26.3	322,803	42,657	1.72	733,221	2,997	10.3	309,811	
1939	76,363	25.0	19,113	1,237,940	23.9	295,456	43,801	1.68	734,703	2,890	10.3	296,250	
1940	70,779	26.6	18,857	1,250,280	28.0	350,577	47,170	1.82	856,987	2,841	10.3	293,925	
1941	68,018	30.4	20,685	1,289,860	34.2	441,403	52,121	2.18	1,137,956	2,766	10.8	298,546	
1942	61,056	35.2	21,515	1,183,860	39.6	468,851	59,185	2.57	1,523,653	2,728	11.8	322,015	
1943	53,326	43.7	23,319	1,139,910	49.9	568,313	60,116	3.12	1,874,825	2,669	12.8	340,406	
1944	51,315	43.8	22,463	999,110	50.3	502,767	64,338	3.21	2,064,364	2,639	13.2	348,240	
1945	53,216	45.3	24,091	919,630	50.3	462,314	69,836	3.19	2,227,690	2,614	13.4	349,285	
1946	54,496	58.3	31,752	806,780	64.3	518,605	70,591	3.96	2,792,827	2,579	15.2	392,482	
1947*	48,518	63.3	30,727	791,750	71.8	568,576	71,269	4.25	3,029,292	2,467	17.5	430,671	

Year	Combined sales of milk, cream, and farm butter				Household consumption of milk, cream, and farm butter on farms where produced		Gross farm income from dairy products <sup>4</sup>	Farm value of milk produced <sup>5</sup>							
	Milk utilized <sup>1</sup>	Average returns <sup>2</sup>		Value of sales (receipts from farm marketings)	Milk utilized	Value <sup>3</sup>									
		Per 100 pounds milk	Per pound butterfat												
	Million pounds	Dollars	Cents	1,000 dollars	Million pounds	1,000 dollars	1,000 dollars	1,000 dollars							
1930	77,815	2.07	52.8	1,607,441	19,357	435,403	2,042,844	2,104,126							
1931	79,565	1.60	40.7	1,276,735	20,467	366,216	1,642,951	1,690,064							
1932	79,264	1.24	31.6	986,370	21,687	300,060	1,286,430	1,320,559							
1933	79,807	1.26	32.1	1,004,206	22,077	305,292	1,309,498	1,344,985							
1934	77,040	1.49	37.8	1,145,517	21,893	352,924	1,498,441	1,537,645							
1935	77,312	1.69	42.8	1,310,204	21,217	386,026	1,696,230	1,739,560							
1936	79,322	1.86	47.1	1,477,882	20,353	400,097	1,877,979	1,927,227							
1937	79,434	1.92	48.6	1,524,771	19,750	406,214	1,930,985	1,982,911							
1938	83,513	1.66	42.0	1,387,926	19,444	353,452	1,741,378	1,786,961							
1939	84,556	1.59	40.3	1,345,522	19,269	341,302	1,686,824	1,732,211							
1940	87,757	1.73	43.6	1,520,346	18,751	358,548	1,878,894	1,929,690							
1941	93,537	2.03	51.1	1,898,590	18,607	404,095	2,302,685	2,364,187							
1942	97,607	2.39	60.2	2,336,034	17,983	460,007	2,796,041	2,872,955							
1943	97,124	2.89	72.6	2,806,863	17,385	538,512	3,345,375	3,437,847							
1944	97,466	3.01	75.6	2,937,834	17,286	556,274	3,494,108	3,590,751							
1945	100,818	3.04	76.4	3,063,380	17,351	563,566	3,626,946	3,726,320							
1946	98,600	3.79	95.2	3,735,666	17,858	713,900	4,449,566	4,569,667							
1947*	98,541	4.12	103.5	4,059,266	17,597	786,054	4,845,320	4,975,839							

<sup>1</sup> Milk sold at wholesale and retail, plus milk skimmed for sale as cream and milk equivalent of farm butter sold.

<sup>2</sup> Computed from the value of milk, cream, and farm butter sold, divided by the quantity of milk or butterfat used in the preparation of these products for market.

<sup>3</sup> Milk utilized for household consumption valued in each State at average returns per 100 pounds for milk utilized in dairy products sold.

<sup>4</sup> Value of milk, cream and farm butter sold, plus the value of these products consumed in the household on farms where produced.

<sup>5</sup> Milk produced on farms valued in each State at average returns per 100 pounds for milk utilized in dairy products sold. In addition to gross income, it includes the value of whole milk fed to calves.

\* Preliminary.

Bureau of Agricultural Economics. Data for 1924-29 in Agricultural Statistics, 1942, table 597.

TABLE 522.—Milk: Production and utilization, United States, 1941-47

Item	1941	1942	1943	1944	1945	1946	1947 <sup>1</sup>
	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>
Milk production:							
By cows on farms	115,268	118,884	117,785	117,992	121,504	119,713	119,366
Total	118,094	121,710	120,611	120,818	124,330	122,539	122,192
Utilization (milk equivalent):							
Manufacturing:							
Farm butter	7,967	7,365	6,851	6,608	6,755	6,630	6,268
Creamery butter (total)	38,077	35,938	34,460	30,620	28,065	24,146	27,300
Butter from whey cream	665	775	698	713	780	773	850
Creamery butter, net	37,412	35,163	33,762	29,907	27,285	23,373	26,450
Cheese total:							
American	7,612	9,247	7,743	8,090	8,777	8,063	9,060
Other than American	1,945	1,874	2,179	2,044	2,346	2,889	2,430
Evaporated milk (case)	7,023	7,592	6,594	7,384	8,147	6,578	6,840
Unsweetened condensed (bulk)	278	307	249	289	310	269	320
Sweetened condensed (case)	268	147	278	330	339	269	373
Sweetened condensed (bulk)	172	163	145	138	167	151	135
Ice cream (total)	5,754	6,795	<sup>2</sup> 5,376	<sup>3</sup> 5,557	<sup>2</sup> 6,056	<sup>2</sup> 9,708	<sup>2</sup> 8,800
Fat from butter and concentrated milk	1,214	1,457	826	859	926	1,509	1,350
Ice cream net (from milk and cream)	4,540	5,338	<sup>2</sup> 4,550	<sup>3</sup> 4,698	<sup>2</sup> 5,130	<sup>2</sup> 8,199	<sup>2</sup> 7,450
Dry whole milk	347	474	1,052	1,355	1,650	1,421	1,220
Malted milk	62	93	132	108	112	552	550
Miscellaneous products	1	1	64	406	608		
Total for manufacture, excluding farm butter	59,660	60,399	56,748	54,749	54,871	51,764	55,370
Total for manufacture, including farm butter	67,627	67,764	63,599	61,357	61,626	58,394	61,638
Consumed as fluid milk or cream:							
In cities and villages	34,863	37,650	41,000	43,000	46,000	47,000	45,000
On farms where produced	12,020	11,856	11,615	11,685	11,667	12,318	12,295
Fed to calves	3,124	3,204	3,276	3,270	3,335	3,255	3,228
All other uses and to balance	460	1,146	1,121	1,506	1,698	1,572	31

<sup>1</sup> Preliminary.<sup>2</sup> Includes an allowance of 2,826 million pounds for milk produced by cows not on farms, the same as in 1930 when information on this item was last obtained.<sup>3</sup> Includes ice milk and sherbet.<sup>4</sup> Includes dry cream, dry part skim milk, and dry ice cream mix in all years and whole milk equivalent of cottage cheese in 1946 and 1947.Bureau of Agricultural Economics. Data for 1926-39 in *Agricultural Statistics*, 1941, table 578, and for 1940 in the 1942 edition, table 599.TABLE 523.—Milk: Average price per 100 pounds paid producers by condenseries for milk of 3.5 percent butterfat, by geographic divisions, 1938-47<sup>1</sup>

Year	Middle Atlantic	South Atlantic	East North Central	West North Central	South Central	North-western <sup>2</sup>	South-western <sup>3</sup>	United States
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
1938	1.40	1.36	* 1.25	1.20	1.14	1.19	1.29	1.25
1939	1.41	1.33	1.24	1.19	1.14	1.20	1.28	1.24
1940	1.49	1.49	1.37	1.34	1.30	1.39	1.48	1.38
1941	1.94	1.82	1.84	1.70	1.62	1.78	1.82	1.81
1942	2.16	2.07	2.06	1.97	1.85	2.15	2.28	2.08
1943	2.73	2.60	2.61	2.50	2.43	2.55	2.78	2.61
1944	2.77	2.61	2.61	2.55	2.48	2.63	2.92	2.66
1945	2.75	2.53	2.59	2.53	2.43	2.68	2.92	2.63
1946	3.69	3.21	3.42	3.25	3.08	3.20	3.43	3.36
1947	4.11	3.39	3.49	3.34	3.19	3.24	3.50	3.46

<sup>1</sup> All prices f.o.b. factory.<sup>2</sup> Includes Montana, Wyoming, Idaho, Washington, and Oregon.<sup>3</sup> Includes Colorado, New Mexico, Arizona, Nevada, Utah, and California.

Bureau of Agricultural Economics.

816989-49-27



TABLE 524.—Dairy production program: Payments to producers on milk and butterfat sold, by States, January-June 1946, and United States, 1943-45<sup>1</sup>

State and division	Sales on which payments were made		Payments	
	Milk	Butterfat	Amount	Number <sup>2</sup>
	Million pounds	1,000 pounds	1,000 dollars	
Maine.....	192	566	1,295	7,047
New Hampshire.....	137	199	883	3,748
Vermont.....	698	331	4,408	13,350
Massachusetts.....	395	87	2,624	8,789
Rhode Island.....	63	4	462	820
Connecticut.....	310	29	2,247	4,673
New York.....	3,909	1,245	24,517	71,189
New Jersey.....	481	7	3,530	4,738
Pennsylvania.....	2,275	1,953	14,230	58,322
North Atlantic.....	8,520	4,421	54,196	169,676
Ohio.....	1,995	8,666	11,906	113,155
Indiana.....	1,386	10,464	8,968	106,166
Illinois.....	2,058	15,573	13,591	116,574
Michigan.....	1,920	22,358	12,893	96,243
Wisconsin.....	7,495	5,856	40,643	164,069
Minnesota.....	2,495	66,418	24,000	151,433
Iowa.....	553	79,623	15,593	155,343
Missouri.....	898	14,784	6,977	112,515
North Dakota.....	46	23,942	4,026	49,475
South Dakota.....	64	17,483	3,107	44,228
Nebraska.....	190	26,727	5,259	75,923
Kansas.....	428	23,116	5,940	81,700
North Central.....	19,528	315,010	152,903	1,266,824
Delaware.....	81	48	513	1,914
Maryland.....	482	458	3,112	10,214
Virginia.....	356	2,861	2,685	29,799
West Virginia.....	132	1,533	1,071	15,331
North Carolina.....	224	838	1,984	21,760
South Carolina.....	76	301	681	3,833
Georgia.....	173	699	1,553	6,501
Florida.....	196	18	1,643	845
South Atlantic.....	1,720	6,756	13,242	90,197
Kentucky.....	389	8,103	3,285	80,547
Tennessee.....	502	3,115	3,106	56,453
Alabama.....	149	555	1,075	13,181
Mississippi.....	278	751	1,814	29,449
Arkansas.....	178	3,777	1,639	32,518
Louisiana.....	154	168	1,001	3,572
Oklahoma.....	354	19,839	5,325	74,451
Texas.....	766	9,496	6,317	69,761
South Central.....	2,770	45,904	23,564	359,932
Montana.....	82	4,931	1,213	15,302
Idaho.....	480	3,011	3,022	27,333
Wyoming.....	48	1,459	483	8,854
Colorado.....	216	5,145	2,182	19,880
New Mexico.....	47	977	451	3,512
Arizona.....	106	145	699	2,020
Utah.....	257	654	1,724	14,207
Nevada.....	23	333	197	715
Washington.....	653	3,370	4,625	26,265
Oregon.....	424	4,195	3,327	22,046
California.....	2,777	1,889	18,057	25,280
Western.....	5,113	26,109	36,580	161,414
Total, 1946.....	37,651	398,200	280,485	2,048,043
Total, 1943.....	12,086	142,284	49,664	1,534,375
Total, 1944.....	60,034	742,192	385,455	1,900,528
Total, 1945.....	70,426	762,837	483,062	2,048,043

<sup>1</sup> These payments were authorized by the War Food Administration in an effort to maintain and increase the production of dairy products. They were made through Commodity Credit Corporation, with county AAA committees (under supervision of the State committee, responsible for the administration of the program, for the period beginning October 1943 and ended June 30, 1946. A payment was made after the close of each production period for eligible dairy products produced and sold during such period. Beginning on Jan. 1, 1945, the production periods were calendar quarters. Only one payment was made to an eligible producer for each production period.

<sup>2</sup> The data shown for 1945 and 1946 represent the number of payments for the second quarter. Totals shown for 1943 and 1944 represent the sum of the payments for the peak period of each State.

Production and Marketing Administration.



TABLE 525.—*Fluid milk: Dealers' average buying price per 100 pounds for standard grade milk (3.5 percent butterfat basis) used for city distribution as milk and cream, by geographic divisions, 1938-47*<sup>1</sup>

Year	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Moun- tain	Pacific	United States
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
1938.....	2.81	2.54	2.06	1.95	2.79	2.09	2.00	1.98	1.95	2.26
1939.....	2.80	2.40	1.91	1.84	2.73	2.03	1.97	1.85	1.91	2.17
1940.....	2.82	2.56	1.96	1.87	2.74	2.13	1.92	1.82	1.93	2.21
1941.....	3.00	2.72	2.21	2.01	2.90	2.34	2.09	1.96	2.20	2.40
1942.....	3.42	3.13	2.54	2.33	3.23	2.87	2.66	2.25	2.70	2.79
1943.....	3.68	3.37	2.93	2.73	3.58	3.29	3.22	2.66	3.10	3.16
1944.....	3.74	3.42	3.02	2.80	3.73	3.40	3.31	2.87	3.13	3.24
1945.....	3.75	2.43	3.04	2.81	3.77	3.44	3.32	2.89	3.14	3.26
1946.....	4.56	4.14	3.63	3.48	4.45	4.03	3.90	3.51	3.78	3.92
1947.....	5.32	4.95	4.19	4.08	5.37	4.80	4.81	4.37	4.66	4.71

<sup>1</sup> All prices f.o.b. local shipping point or country plant. Compiled from reports of the Bureau secured through the cooperation of milk distributors, producers' associations, and municipal officers. Bureau of Agricultural Economics.

TABLE 526.—Milk, standard: Dealers' retail price per quart, delivered to homes in cities, 1938-47<sup>1</sup>

City	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947
	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents
Boston.....	13.0	13.3	13.2	13.7	15.0	15.7	16.0	16.0	18.2	20.2
New Haven.....	14.0	14.0	14.0	14.8	16.0	16.0	16.0	16.0	18.1	20.2
New York.....	13.1	13.4	14.8	15.7	16.9	17.1	17.0	17.0	19.5	21.1
Philadelphia.....	12.0	12.0	12.0	12.4	14.0	14.0	14.0	14.0	16.7	19.1
Pittsburgh.....	13.0	11.7	12.5	13.4	14.0	15.5	15.5	15.5	17.6	19.7
Cleveland.....	11.3	10.5	11.1	12.6	14.0	14.9	15.0	15.0	17.1	17.7
Indianapolis.....	12.0	11.5	11.4	12.6	14.0	14.0	14.0	14.0	15.8	17.9
Chicago.....	12.4	11.8	13.0	14.0	15.4	16.5	16.5	16.5	18.9	21.0
Detroit.....	11.8	10.1	11.0	11.9	14.0	14.9	15.0	15.0	16.5	18.3
Milwaukee.....	12.0	10.9	11.0	12.0	11.8	12.8	13.0	13.0	15.1	16.8
Minneapolis.....	11.0	11.1	10.5	12.1	12.2	13.0	13.0	13.0	15.1	18.2
Kansas City, Mo.....	13.0	13.0	11.7	12.2	13.0	14.7	15.0	15.0	16.8	18.0
Omaha.....	10.8	10.3	11.0	11.3	12.9	13.0	13.0	13.0	15.5	17.5
Baltimore.....	13.0	12.8	11.8	13.2	14.0	14.0	14.0	14.0	16.5	19.0
Washington, D. C.....	14.0	14.0	14.0	14.3	15.0	15.0	15.0	15.0	17.2	19.8
Jacksonville.....	16.0	16.0	16.0	16.3	18.0	18.4	19.0	19.0	20.6	22.3
Louisville.....	13.3	12.7	12.8	14.1	15.0	15.8	16.0	16.0	18.0	19.8
New Orleans.....	12.0	12.2	13.0	14.2	15.5	15.4	15.5	15.5	17.7	20.6
Dallas.....	11.0	10.8	11.0	11.8	14.0	14.8	15.0	15.0	16.8	19.2
Denver.....	12.0	11.8	12.0	12.2	13.0	13.0	13.5	13.5	15.5	18.2
Salt Lake City.....	10.6	10.7	10.0	10.4	12.2	13.0	13.0	13.0	14.8	17.1
Seattle.....	10.4	10.3	11.0	11.9	14.0	14.0	14.0	14.0	16.1	19.3
Portland, Oreg.....	11.3	11.0	11.0	12.2	14.0	14.0	14.0	14.0	15.7	17.8
San Francisco.....	13.0	12.3	12.2	13.6	14.8	15.5	15.5	15.5	17.1	18.7
Los Angeles.....	11.8	11.5	11.6	12.3	13.5	14.5	14.5	14.5	16.2	18.3
Average, 25 cities.....	12.3	12.0	12.1	13.0	14.2	14.8	14.9	14.9	16.9	19.0
Fall River, Mass.....	14.0	14.0	14.0	14.4	15.0	15.8	16.0	16.0	18.4	20.6
Lowell-Lawrence, Mass.....	13.4	13.2	13.2	13.6	15.0	16.1	16.5	16.0	18.2	20.3
Cincinnati, Ohio.....	13.0	11.2	10.8	12.6	14.9	15.0	15.0	15.0	16.7	19.0
Columbus, Ohio.....	10.2	10.0	10.4	11.8	13.0	14.0	14.0	14.0	15.9	17.2
Dayton-Springfield, Ohio.....	10.5	10.7	11.0	12.3	14.0	14.9	15.0	15.0	16.8	18.8
Toledo, Ohio.....	12.0	12.0	12.0	12.5	14.0	14.9	15.0	15.0	16.7	18.7
Fort Wayne, Ind.....	11.0	11.0	11.0	11.9	13.2	13.9	14.0	14.0	15.9	17.7
Duluth, Minn.....	10.2	10.0	9.6	11.2	11.9	13.4	13.5	13.5	15.0	16.7
Sioux City, Iowa.....	11.0	10.3	11.0	11.2	12.2	12.0	12.7	13.0	15.2	17.6
St. Louis, Mo.....	13.2	11.6	12.4	13.8	14.5	15.2	15.5	15.5	17.5	19.9
Topeka, Kans.....	10.3	10.2	10.1	10.9	12.0	14.2	14.5	14.5	16.7	18.6
Wichita, Kans.....	12.0	10.7	12.0	12.2	13.8	14.7	15.0	15.0	16.6	17.2

<sup>1</sup> "Standard" refers to the grade of milk commonly sold in each market. Grades may vary from market to market because of variation of the factors which enter into grade determination.

Bureau of Agricultural Economics. Compiled from reports secured through the cooperation of milk distributors, producers' associations, and municipal officers.

TABLE 527.—Milk markets under Federal marketing programs: Blend and Class I prices, number of producers, quantity of pooled milk, and quantity of Class I milk pooled, 1946 and 1947

Market	Basic butterfat test	Average minimum prices per 100 lb. payable to producers (f.o.b. city) 1:				Number of producers 2		Total pooled milk		Class I milk pooled 3	
		Blend		Class I		1946	1947	1946	1947	1946	1947
		1946	1947	1946	1947						
		Dollars	Dollars	Dollars	Dollars	Number	Number	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Boston, Mass. 4	3.7	3.18	3.08	4.73	5.56	12,634	13,769	2,309,400	1,331,422	1,000	1,000
Chicago, Ill. 5	3.5	3.09	3.06	4.73	4.16	17,702	18,707	2,265,560	1,275,572	1,000	1,000
Chicago, suburban, Grade A 6	3.5	3.09	3.12	4.15	4.16	11,503	12,503	2,265,560	1,275,572	1,000	1,000
Chicago, suburban, Grade B 6	3.5	3.09	3.12	4.15	4.16	2,404	2,394	205,774	205,064	1,000	1,000
Cincinnati, Ohio 7	3.5	3.85	4.42	4.32	5.11	4,886	5,222	290,724	310,559	173,149	173,149
Cleveland, Ohio 8	3.5	3.58	4.46	4.36	5.48	4,886	5,222	290,724	310,559	173,149	173,149
Clinton, Iowa 9	3.5	3.78	4.21	4.30	4.12	7,110	7,191	150,640	553,279	147,074	454,669
Dayton-Springfield, Ohio 10	3.5	4.25	4.21	4.30	4.26	2,074	2,278	151,711	179,456	119,806	12,141
Columbus, Ohio 11	3.5	3.96	4.18	4.02	4.32	2,548	2,706	185,740	195,200	149,049	134,547
Dubuque, Iowa 12	3.5	3.75	3.88	4.06	4.23	1,935	2,000	25,592	26,939	14,873	14,196
Indianapolis, Ind. 13	3.5	3.97	4.27	4.33	5.05	1,253	1,353	38,822	42,561	17,139	17,139
Fall River, Mass. 14	4.0	4.27	5.80	4.90	5.55	2,332	2,332	32,893	32,822	12,561	12,561
Fort Wayne, Ind. 15	4.0	4.23	4.52	4.30	4.66	756	837	52,410	60,707	36,120	44,634
Kansas City, Mo.-Kansas 16	3.8	4.28	4.43	4.42	4.67	2,082	2,289	215,948	237,369	167,658	172,633
La Porte County, Ind. 17	3.8	4.22	4.21	4.33	4.32	192	192	18,542	17,446	14,066	12,968
Louisville, Ky. 18	12.3.8	4.43	4.59	4.63	4.85	1,652	1,713	186,101	194,692	146,927	147,576
Lowell-Lawrence, Mass. 19	3.7	4.59	5.30	4.63	5.45	1,053	1,053	90,376	90,398	81,824	81,801
Minneapolis-St. Paul, Minn. 20	3.5	3.78	3.94	4.04	4.16	8,042	5,616	771,872	625,928	416,810	376,868
Nashville, Tenn. 21	4.0	6.03	6.03	6.03	6.03	1,955	568	167,339	5,351	128,691	137,095
New Orleans, La. 22	4.0	4.40	4.83	4.41	4.97	1,446	2,060	164,113	164,113	128,691	137,095
New York, N. Y. 23	3.8	4.36	4.36	4.36	4.36	4,627	4,627	5,132,842	5,132,842	1,000	1,000
Omaha-Council Bluffs, Nebr.-Iowa 24	3.8	4.36	4.36	4.36	4.36	2,638	2,638	140,718	140,718	95,914	95,914
Philadelphia, Pa. 25	4.0	4.59	4.59	4.65	5.38	8,965	9,057	928,950	970,352	725,586	707,866
Quad Cities, Ill.-Iowa 26	3.5	3.74	3.92	4.06	4.23	1,298	1,323	109,221	109,259	57,082	53,136
St. Joseph County, Ind. 27	4.0	4.34	4.40	4.42	4.51	1,638	1,638	650,385	64,720	40,018	48,892
St. Louis, Mo. 28	3.5	3.97	4.47	4.38	4.56	3,411	3,323	335,214	350,931	305,353	288,667
Sioux City, Iowa 29	3.5	3.97	4.27	4.02	4.39	498	498	31,147	31,795	25,524	25,131
South Bend-La Porte, Ind. 30	3.5	4.11	4.09	4.22	4.72	2,050	2,050	137,459	142,731	108,577	112,339
Toledo, Ohio 31	3.5	4.11	4.32	4.23	4.45	2,050	2,050	137,459	142,731	108,577	112,339
Tulsa, Okla. 32	3.5	4.11	4.32	4.23	4.45	2,050	2,050	137,459	142,731	108,577	112,339
Tri-State, Ky., Ohio, W. Va. 33	10.3.8	4.14	4.33	4.17	4.45	2,583	2,583	19,565	27,866	18,416	19,066
Huntington district plants 34	3.5	4.30	4.57	4.34	4.68	521	595	42,819	47,598	36,356	40,898
Other plants 35	3.5	4.12	4.39	4.14	4.48	672	726	52,791	55,493	43,566	45,566
Wichita, Kans. 36	3.8	4.44	4.54	4.46	4.64	409	478	45,125	53,585	39,610	43,103

For footnotes see bottom of page 420.

TABLE 528.—*Milk and cream: Receipts at New York, Philadelphia, and Boston, by rail and truck, 1938-47*

Product and year	New York			Philadelphia			Boston		
	Rail	Truck	Total	Rail	Truck	Total	Rail	Truck	Total
	1,000 40-qt. unit equiva- lents	1,000 40-qt. unit equiva- lents	1,000 40-qt. unit equiva- lents	1,000 40-qt. unit equiva- lents	1,000 40-qt. unit equiva- lents	1,000 40-qt. unit equiva- lents	1,000 40-qt. unit equiva- lents	1,000 40-qt. unit equiva- lents	1,000 40-qt. unit equiva- lents
Fluid milk:									
1938.....	16,680	20,847	37,527	1,709	5,716	7,425	4,216	1,498	5,714
1939.....	14,857	22,755	37,612	1,423	6,627	8,050	3,800	2,049	5,849
1940.....	13,950	23,475	37,425	1,374	7,084	8,458	3,394	2,514	6,108
1941.....	13,868	24,942	38,810	1,270	7,631	8,901	3,827	2,603	6,430
1942.....	14,214	25,319	39,533	1,466	7,872	9,338	4,285	2,876	7,161
1943.....	16,509	25,622	42,131	1,217	8,113	9,330	5,116	2,730	7,846
1944.....	17,333	26,077	43,410	1,041	8,761	9,802	5,200	3,087	8,287
1945.....	18,237	26,175	44,412	873	9,566	10,439	5,499	3,482	8,981
1946.....	18,858	27,747	46,605	716	9,757	10,473	4,949	4,313	9,262
1947.....	16,649	29,845	46,494	706	9,856	10,562	5,046	3,864	8,910
Fluid cream: <sup>1</sup>									
1938.....	1,106	380	1,486	130	101	231	496	63	559
1939.....	1,065	518	1,583	115	137	252	477	78	555
1940.....	906	582	1,488	129	148	277	457	107	564
1941.....	887	565	1,452	144	162	306	506	99	605
1942.....	816	474	1,290	156	170	326	493	91	584
1943.....	578	172	750	154	114	268	405	83	488
1944.....	652	159	811	194	146	340	380	59	439
1945.....	784	187	971	206	151	357	488	44	532
1946.....	935	243	1,178	408	136	544	656	42	698
1947.....	854	302	1,156	282	130	412	438	70	508

<sup>1</sup> 40-percent butterfat basis.

Production and Marketing Administration.

## FOOTNOTES FOR TABLE 527:

<sup>1</sup> As specified in order.<sup>2</sup> Simple average of monthly data.<sup>3</sup> Boston, New York, and Philadelphia in area only.<sup>4</sup> Class I price in 40-mile zone; blend price in 191-200 mile zone, January-May 1946; 201-210 mile zone, June 1946-December 1947.<sup>5</sup> Revised.<sup>6</sup> 70-mile zone.<sup>7</sup> Individual-handler pool. Weighted average of handlers' prices.<sup>8</sup> Order effective Aug. 1, 1946. Pricing provisions effective Sept. 1, 1946.<sup>9</sup> Order effective Feb. 1, 1946.<sup>10</sup> Changed from 4.0 percent to 3.5 percent effective July 1, 1947.<sup>11</sup> Changed to individual-handler pool effective Aug. 1, 1947.<sup>12</sup> Changed from 4.0 percent to 3.8 percent effective Oct. 1, 1947.<sup>13</sup> Order effective Nov. 16, 1947. Pricing provisions effective Dec. 1, 1947.<sup>14</sup> 61-70 mile zone.<sup>15</sup> 201-210 mile zone.<sup>16</sup> Grade A and nongrade A prices available Jan. 1, 1948.<sup>17</sup> La Porte, Indiana, order merged with St. Joseph County, Indiana, order effective Dec. 1, 1947. Now known as South Bend-La Porte, Indiana.<sup>18</sup> January-June 15, 1946, reported per pound of butterfat and converted to 3.8 percent milk.

Production and Marketing Administration. Compiled from reports of the market administrators.

TABLE 529.—*Milk and cream: Receipts at New York, Philadelphia, and Boston, by origin, 1946 and 1947<sup>1</sup>*

Product and origin	New York		Philadelphia		Boston	
	1946	1947	1946	1947	1946	1947
	1,000 40-qt. unit equivalents	1,000 40-qt. unit equivalents	1,000 40-qt. unit equivalents	1,000 40-qt. unit equivalents	1,000 40-qt. unit equivalents	1,000 40-qt. unit equivalents
<b>Fluid milk:</b>						
Maine.....					922	1,014
New Hampshire.....					651	674
Vermont.....	1,675	1,873			6,315	5,696
Massachusetts.....					443	424
Connecticut.....	35	78				
New York.....	33,910	32,936	264	94	691	960
New Jersey.....	5,315	5,654	710	750		
Pennsylvania.....	5,551	5,729	7,656	7,864		
Ohio.....			4	16	47	128
Indiana.....	2		28	12	1	7
Michigan.....					3	1
Wisconsin.....	1	14	12	20	145	3
Minnesota.....			6		44	1
Delaware.....		15	539	564		
Maryland.....	116	135	1,254	1,242		
<b>Total.....</b>	<b>46,605</b>	<b>46,494</b>	<b>10,473</b>	<b>10,562</b>	<b>9,262</b>	<b>8,910</b>
<b>Fluid cream:<sup>2</sup></b>						
Maine.....					10	18
New Hampshire.....					1	1
Vermont.....	5	17			86	127
Massachusetts.....					2	
New York.....	897	972	8	9	2	30
New Jersey.....	20	15				
Pennsylvania.....	43	33	87	78		
Ohio.....	13	19				
Indiana.....	2	1	92	67	53	44
Illinois.....			5		1	
Michigan.....	73	63	2	2	18	53
Wisconsin.....	111	34	303	226	277	51
Minnesota.....	14	2	15	2	168	32
Iowa.....			1		1	
Missouri.....			1		39	69
Maryland.....			28	28		
Virginia.....						2
North Carolina.....						11
Kentucky.....					4	3
Tennessee.....					6	1
Arkansas.....					2	1
Idaho.....			2			
<b>Total.....</b>	<b>1,178</b>	<b>1,156</b>	<b>544</b>	<b>412</b>	<b>698</b>	<b>508</b>

<sup>1</sup> Figures include both rail and truck receipts.<sup>2</sup> 40-percent butterfat basis.

Production and Marketing Administration.

TABLE 530.—*Cream (40-percent butterfat): Average wholesale price per 40-quart can, New York, Philadelphia, and Boston, 1933-47*

Year	New York	Philadel- phia	Boston	Year	New York	Philadel- phia	Boston
	Dollars	Dollars	Dollars		Dollars	Dollars	Dollars
1933.....	16.98	13.02	13.50	1943.....	28.29	23.96	23.55
1939.....	17.18	12.87	12.92	1944.....	28.66	24.27	23.63
1940.....	19.29	13.73	13.87	1945.....	28.78	24.89	24.75
1941.....	22.21	17.47	17.37	1946.....	37.22	32.41	32.26
1942.....	24.65	19.08	19.46	1947.....	38.50	32.87	32.28

Production and Marketing Administration.

TABLE 531.—*Dairy products: Factory production of specified items, by States, average 1940-44, annual 1945 and 1946*

State and division	Creamery butter (including whey butter)			American Cheddar cheese			All cheese <sup>1</sup>		
	Average 1940-44	1945	1946	Average 1940-44	1945	1946	Average 1940-44	1945	1946
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Maine.....	178	377	745						
Vermont.....	2,791	3,773	2,140	634	906	114	1,927	3,739	3,791
Massachusetts.....	205	170	462				1,583	2,373	3,739
Rhode Island.....	5						17	8	
Connecticut.....	37	9	10				120	204	77
New England.....	3,217	4,329	3,357	634	906	114	3,647	6,324	7,607
New York.....	24,348	20,915	14,368	28,096	23,633	11,780	65,837	62,072	53,916
New Jersey.....	106	78	76	23		11	1,067	1,049	2,062
Pennsylvania.....	13,650	12,664	8,716	1,401	1,711	1,252	11,578	12,832	14,271
Middle Atlantic.....	38,104	33,657	23,160	29,520	25,344	13,043	78,482	75,953	70,249
Ohio.....	72,024	60,019	49,107	18,044	23,415	19,983	28,845	34,206	31,787
Indiana.....	60,671	45,550	34,497	36,636	39,816	38,496	36,815	39,847	38,559
Illinois.....	76,476	65,184	61,373	53,698	68,753	63,280	68,732	87,075	85,300
Michigan.....	80,268	55,457	46,579	20,619	25,800	23,509	23,744	29,501	29,512
Wisconsin.....	154,808	109,901	83,063	371,487	388,617	370,734	473,875	515,184	525,326
East North Central.....	444,247	336,111	274,619	500,484	546,401	516,002	632,011	705,813	710,484
Minnesota.....	299,628	233,436	175,891	26,508	44,056	41,152	28,477	46,316	47,852
Iowa.....	239,125	214,142	207,997	8,000	13,134	10,750	8,143	13,383	11,064
Missouri.....	77,487	71,412	61,413	34,796	49,906	48,484	35,114	50,409	48,969
North Dakota.....	61,684	51,007	49,800	251	80	155	251	80	155
South Dakota.....	43,186	34,306	36,655	1,389	1,649	1,648	1,389	1,649	1,648
Nebraska.....	88,426	75,291	80,783	2,253	1,691	1,256	2,256	1,693	1,413
Kansas.....	73,557	52,385	48,892	13,806	12,729	10,877	13,833	12,729	11,477
West North Central.....	883,093	731,979	661,431	87,003	123,245	114,322	89,463	126,250	122,578
Dist. of Columbia.....				2	8	2	2	12	13
Delaware.....	19						27		
Maryland.....	2,362	2,778	2,646	2			2		
Virginia.....	7,245	7,594	7,165	73	136	159	73	136	159
West Virginia.....	2,434	2,154	1,691	171	212	143	171	212	144
North Carolina.....	2,030	1,714	1,561	450	1,140	1,142	450	1,140	1,142
South Carolina.....	467	295	235	247			247		
Georgia.....	1,300	943	632	15	36	35	15	36	35
Florida.....	56								
South Atlantic.....	15,913	15,478	13,930	960	1,532	1,481	967	1,536	1,493
Kentucky.....	21,757	22,673	19,563	11,505	19,250	18,900	11,536	19,424	18,900
Tennessee.....	15,907	14,956	11,599	19,595	29,175	30,339	21,099	31,733	34,112
Alabama.....	852	159	135	3,528	5,379	3,567	3,528	5,379	3,569
Mississippi.....	4,521	4,021	2,766	9,328	12,338	10,943	9,332	12,338	11,033
Arkansas.....	7,041	6,417	5,386	6,490	7,812	6,073	6,768	8,174	6,073
Louisiana.....	992	432	315	130			130		
Oklahoma.....	52,384	44,952	37,574	10,996	15,776	13,552	11,053	15,776	13,582
Texas.....	36,516	25,396	17,173	17,186	13,669	7,693	19,871	16,362	11,859
South Central.....	139,970	119,006	94,511	78,758	103,399	91,067	83,317	109,186	90,128
Montana.....	12,835	9,883	9,446	2,162	4,266	3,464	2,173	4,266	3,464
Idaho.....	36,643	30,682	16,600	15,357	21,024	20,114	18,414	25,380	23,299
Wyoming.....	3,240	2,466	2,770	806	927	800	1,805	962	1,350
Colorado.....	22,584	16,542	15,351	1,359	1,395	806	2,267	2,119	1,674
New Mexico.....	2,772	1,487	1,210	592	474	334	592	474	334
Arizona.....	1,568	932	336	206	53	423	579	513	1,056
Utah.....	9,048	5,982	4,359	5,610	8,290	7,042	6,180	9,352	10,085
Nevada.....	1,870	981	852	17	5	5	17	5	5
Mountain.....	90,560	68,955	50,924	26,109	36,434	32,988	32,027	44,071	41,267
Washington.....	33,209	19,969	16,372	10,454	7,562	6,644	10,944	8,055	7,504
Oregon.....	28,975	18,533	16,465	25,150	26,582	23,379	26,110	29,745	26,089
California.....	49,780	15,700	10,619	9,455	3,679	2,768	15,914	9,830	14,412
Pacific.....	111,964	54,202	49,456	45,059	37,823	32,791	52,968	47,630	48,005
United States.....	1,727,068	1,363,717	1,171,388	768,527	875,084	801,808	972,902	1,116,772	1,100,811

See footnotes at end of table.

TABLE 531.—*Dairy products: Factory production of specified items, by States, average 1940-44, annual 1945 and 1946—Continued*

State and division	Evaporated whole milk (case goods)			Nonfat dry milk solids (total) <sup>2</sup>			Ice cream		
	Average 1940-44	1945	1946	Average 1940-44	1945	1946	Average 1940-44	1945	1946
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 gallons	1,000 gallons	1,000 gallons
Maine.....				435	1,029	603	2,452	2,964	4,651
New Hampshire.....							981	1,391	1,688
Vermont.....				11,870	6,414	1,517	968	1,172	2,060
Massachusetts.....				115	266	1,046	15,481	18,895	25,835
Rhode Island.....							3,667	4,217	5,504
Connecticut.....				68	52	27	4,871	5,775	8,216
New England.....				12,488	7,761	3,193	28,420	34,414	47,954
New York.....	149,595	97,864	32,136	72,240	47,392	37,292	42,223	46,549	68,656
New Jersey.....				13			8,923	9,114	13,405
Pennsylvania.....	51,423	54,006	32,408	15,375	9,607	8,733	48,321	53,555	79,494
Middle Atlantic.....	201,018	151,870	64,624	87,628	56,999	46,025	99,467	109,218	161,555
Ohio.....	351,014	399,764	332,287	17,694	24,312	18,444	25,836	30,087	44,570
Indiana.....	97,201	125,230	112,576	15,564	21,690	21,712	11,555	13,499	21,696
Illinois.....	193,790	225,548	178,559	3,835	5,585	7,030	25,607	28,439	43,839
Michigan.....	164,955	229,547	189,994	34,425	33,426	31,162	19,371	21,050	30,895
Wisconsin.....	986,492	1,120,878	831,417	153,027	194,779	192,428	11,044	12,035	19,190
East North Central.....	1,793,452	2,100,967	1,644,833	224,545	230,192	270,776	93,413	105,110	160,190
Minnesota.....	28,422	48,282	41,939	67,078	169,262	200,095	9,112	10,022	17,961
Iowa.....	37,432	43,784	40,585	2,457	9,866	11,541	8,180	9,587	15,168
Missouri.....	141,235	200,689	173,724	18,265	22,968	26,194	11,481	13,078	21,273
North Dakota.....				235	596	508	1,270	1,505	3,079
South Dakota.....				103	72		1,680	1,777	3,213
Nebraska.....				3,665	2,471	4,479	3,900	4,881	7,416
Kansas.....	48,908	60,070	53,683	5,254	4,481	4,920	4,512	5,028	8,146
West North Central.....	255,997	352,825	309,931	97,057	209,706	247,847	40,135	45,878	76,256
Dist. of Columbia.....							5,916	7,459	9,887
Delaware.....							1,704	2,119	2,835
Maryland.....	25,731	32,650	22,285	2,562	2,508	1,522	7,438	8,420	11,228
Virginia.....	24,267	40,933	38,022	966	701	7,463	9,117	13,668	
West Virginia.....	18,409	30,958	26,679	111	347	483	4,014	4,778	7,815
North Carolina.....	18,859	31,703	26,150	10	488	815	7,649	9,671	16,366
South Carolina.....	2,351	8,750	9,594				2,338	3,169	3,561
Georgia.....							4,768	5,256	8,002
Florida.....							5,980	8,706	11,320
South Atlantic.....	89,617	145,014	122,730	3,649	4,089	3,521	47,270	58,695	84,772
Kentucky.....	95,651	138,629	139,264	1,621	1,717	1,599	3,244	3,832	5,719
Tennessee.....	77,386	114,340	109,333	2,321	1,239	1,210	6,975	8,834	16,662
Alabama.....	1,735			163	19	740	4,836	6,358	9,015
Mississippi.....	35,847	47,128	38,426	1,565	2,565	1,896	2,760	3,223	4,912
Arkansas.....	3,543	32,937	27,849			25	2,073	2,774	3,105
Louisiana.....				46			4,447	5,335	7,514
Oklahoma.....				1,187	2,894	2,170	4,669	5,786	8,556
Texas.....	35,848	42,810	33,950	2,551	1,617	619	18,287	21,830	32,706
South Central.....	250,460	375,844	348,822	9,454	10,051	8,259	47,291	57,972	88,189
Montana.....							1,562	1,588	2,809
Idaho.....	35,541	50,116	47,411	21,891	36,552	33,860	1,210	1,465	2,480
Wyoming.....				778		1,019	517	604	883
Colorado.....	20,870	25,320	18,845	151	154		3,784	4,255	6,339
New Mexico.....				47			714	1,009	1,380
Arizona.....	8,757	8,887	6,711	337	182	43	1,194	1,479	2,227
Utah.....	67,523	83,433	67,104	6,291	5,990	4,247	1,892	2,372	3,609
Nevada.....				36	275	294	331	516	569
Mountain.....	132,691	167,756	140,071	29,531	43,153	39,463	11,204	13,288	20,296
Washington.....	112,023	116,869	76,597	13,687	11,818	7,946	6,504	8,370	11,980
Oregon.....	34,814	39,673	32,853	9,203	4,166	5,253	3,958	4,719	7,153
California.....	272,946	325,565	310,182	56,378	32,119	34,886	27,980	38,693	55,409
Pacific.....	419,783	482,107	419,632	79,268	48,103	48,085	38,442	51,782	74,632
United States.....	3,143,018	3,776,383	3,050,643	543,620	660,054	667,169	405,642	476,357	713,844

<sup>1</sup> Excluding cottage and full skim Cheddar cheese. <sup>2</sup> Includes dry skim milk for animal feed.

Bureau of Agricultural Economics.



TABLE 532.—*Dairy products: Quantities manufactured, United States, 1939-46*

Product	1939	1940	1941	1942	1943	1944	1945	1946
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
Creamery butter	1,781,737	1,836,826	1,872,183	1,764,054	1,673,788	1,488,502	1,363,717	1,171,388
Renovated or process butter	2,616	2,672	3,195	3,768	2,940	6,406	2,945	1,441
American cheese:								
Whole milk	537,298	602,790	753,122	916,850	765,089	804,787	875,084	801,808
Part skim	4,247	3,890	4,139	3,750	4,670	2,248	1,098	2,696
Fullskim	230	247	416	1,001	2,337	2,628	2,172	2,367
Swiss cheese (including block)	42,631	48,659	55,962	52,561	45,626	45,571	50,965	55,192
Munster cheese	7,032	8,362	7,426	9,210	8,946	11,191	7,514	9,235
Brick cheese	27,937	25,966	24,640	19,588	19,032	16,244	7,442	8,443
Limburger cheese	8,971	8,198	8,088	8,441	6,653	7,510	8,777	9,548
Cream cheese	47,961	51,183	50,012	47,554	<sup>1</sup> 70,451	<sup>1</sup> 60,440	<sup>1</sup> 66,912	<sup>1</sup> 73,226
Blue mold cheese					<sup>2</sup> 8,036	<sup>2</sup> 6,835	<sup>2</sup> 9,828	<sup>2</sup> 12,451
All Italian varieties of cheese	20,509	25,002	34,363	34,916	43,003	41,762	64,628	75,388
All other varieties of cheese	11,941	11,440	18,409	19,435	21,788	20,659	25,624	52,824
Total of all cheese <sup>1</sup>	708,527	785,490	956,161	1,112,314	993,294	1,017,247	1,116,772	1,100,811
Cottage, pot, and bakers' cheese	166,720	174,257	187,595	196,799	213,910	224,374	284,774	( <sup>1</sup> )
Condensed milk (sweetened):								
Case goods:								
Skimmed	1,454	1,872	2,334	4,839	697	102	216	302
Unskimmed	34,732	61,935	114,772	62,453	117,247	139,145	143,306	113,906
Bulk goods:								
Skimmed	152,886	166,017	173,658	225,840	306,899	374,840	<sup>3</sup> 519,188	835,068
Unskimmed	54,897	76,138	79,299	75,382	66,588	63,586	<sup>3</sup> 77,016	69,740
Unsweetened condensed milk (plain condensed):								
Bulk goods:								
Skimmed	223,001	246,910	326,535	318,379	325,512	363,771	454,443	486,530
Unskimmed	107,026	128,017	113,965	125,880	102,452	119,403	128,875	111,428
Evaporated milk (unsweetened):								
Case goods:								
Unskimmed	2,170,601	2,464,668	3,246,547	3,518,504	3,057,274	3,428,089	3,776,383	3,050,643
Concentrated skim milk (for animal feed)	11,686	14,891	19,450	13,211	14,964	20,489	12,250	23,408
Condensed or evaporated buttermilk	104,288	111,842	128,183	169,999	167,338	157,503	100,441	226,708
Dry buttermilk	62,187	67,931	75,614	69,637	60,995	56,683	49,578	38,741
Dry whole milk	24,472	29,409	45,627	62,167	137,766	177,754	217,276	188,406
Nonfat dry milk solids	267,860	321,843	366,455	565,414	500,620	582,912	642,546	653,465
Dryskim milk (animal feed)	140,520	159,962	110,042	61,148	24,279	16,407	17,508	13,704
Total nonfat dry milk solids <sup>2</sup>	408,380	481,805	476,497	626,562	533,899	599,319	660,054	667,169
Dry cream	49	54	43	54	216	193	203	567
Dry whey	56,341	90,996	111,316	124,479	110,158	141,553	135,920	147,953
Dry casein (skim milk or buttermilk product)	40,878	46,616	47,346	42,268	18,396	15,264	12,333	18,319
Malting powder	19,744	20,021	23,242	34,679	49,435	40,549	42,751	45,029
	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>
Ice cream:								
Wholesale	278,532	287,099	<sup>3</sup> 340,992	499,169	368,938	394,123	424,289	651,541
Retail	25,990	30,989	<sup>3</sup> 49,183	54,977	42,688	50,075	52,068	62,303
Total manufactured	304,522	318,088	<sup>3</sup> 390,175	464,146	411,626	444,198	476,357	713,844
Sherbet (does not include water ices)	7,224	8,089	8,060	8,772	47,218	49,481	65,177	12,019

<sup>1</sup> Includes Neufchatel cheese.<sup>2</sup> Prior to 1943 included in "All other varieties of cheese."<sup>3</sup> Revised.<sup>4</sup> Excluding American full skim cheese and cottage, pot, and bakers' cheese.<sup>5</sup> Includes dry skim milk (animal feed).<sup>6</sup> Prior to 1941, data classified according to whether made by wholesale plants or by counter freezers and other small retailers.<sup>7</sup> Not comparable with previous years.

Bureau of Agricultural Economics.

TABLE 533.—*Dairy products: Jan. 1 stocks (Government and commercial), United States, 1930-48*

Year	Butter <sup>1</sup>	Cheese <sup>2</sup>	Evapo- rated milk <sup>3</sup>	Con- densed milk <sup>4</sup>	Dry whole milk	Nonfat dry milk solids for human con- sump- tion	Cream (milk equiv- alent)
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	Million pounds ( <sup>5</sup> )
1930.....	81,935	86,075	211,954	25,462	2,905	16,506	194
1931.....	63,401	83,288	202,070	17,803	3,799	22,412	54
1932.....	26,643	78,318	132,011	12,506	2,352	13,784	152
1933.....	22,043	68,714	100,092	12,234	2,768	8,873	156
1934.....	111,249	91,970	210,407	9,137	3,028	15,696	55
1935.....	47,175	102,197	156,793	10,516	2,101	18,691	89
1936.....	40,117	99,572	72,916	8,829	3,028	5,942	135
1937.....	61,234	110,400	258,904	9,071	3,930	22,224	23
1938.....	42,953	103,935	181,686	6,229	2,544	20,696	174
1939.....	128,770	120,174	205,073	7,139	3,673	27,624	85
1940.....	55,462	109,037	186,081	5,627	4,129	8,900	95
1941.....	41,497	129,536	187,652	8,047	4,632	26,433	228
1942.....	114,436	201,613	400,075	12,024	6,389	18,565	110
1943.....	24,979	131,398	822,172	5,469	7,418	98,002	321
1944.....	154,577	175,507	397,630	20,850	13,814	69,648	172
1945.....	60,767	144,553	209,297	50,977	24,035	133,607	130
1946.....	53,127	127,011	<sup>7</sup> 216,423	<sup>7</sup> 31,492	<sup>7</sup> 42,359	<sup>7</sup> 93,944	613
1947.....	27,874	123,592	<sup>7</sup> 155,656	<sup>7</sup> 7,211	<sup>7</sup> 22,599	<sup>7</sup> 62,688	258
1948 <sup>8</sup> .....	23,672	147,683	<sup>7</sup> 158,551	<sup>7</sup> 9,362	<sup>7</sup> 14,726	<sup>7</sup> 25,200	

<sup>1</sup> Includes both farm and factory-made butter.<sup>2</sup> Includes all kinds of cheese except cottage, pot, and bakers' cheese, and full skim American.<sup>3</sup> Unskimmed, unsweetened, case goods.<sup>4</sup> Unsweetened condensed milk (plain condensed), unskimmed; and sweetened condensed milk, unskimmed, case goods.<sup>5</sup> Data not available.<sup>6</sup> Preliminary.<sup>7</sup> Not comparable with earlier years, due to inclusion of Government stocks at additional stages of distribution.

Bureau of Agricultural Economics.

TABLE 534.—*Dairy products: Manufacturers' stocks as of annual high and low point, 1938-47*

Year	Evaporated milk		Condensed milk		Dry whole milk		Nonfat dry milk (human food)	
	High (Aug. 1)	Low (Apr. 1)	High (Aug. 1)	Low (Apr. 1)	High (Aug. 1)	Low (Apr. 1)	High (July 1)	Low (Dec. 1)
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1938.....	<sup>1</sup> 419,142	123,801	10,249	<sup>2</sup> 4,574	6,260	<sup>3</sup> 2,184	<sup>4</sup> 45,455	<sup>4</sup> 20,666
1939.....	<sup>1</sup> 355,071	109,882	8,570	<sup>2</sup> 4,608	4,624	2,694	<sup>4</sup> 28,370	6,269
1940.....	<sup>1</sup> 380,545	<sup>5</sup> 150,458	10,454	3,938	6,884	<sup>3</sup> 3,107	<sup>4</sup> 38,327	<sup>4</sup> 8,900
1941.....	<sup>7</sup> 417,643	<sup>5</sup> 126,160	<sup>7</sup> 11,906	<sup>7</sup> 7,228	<sup>7</sup> 7,200	<sup>3</sup> 3,432	<sup>4</sup> 30,549	16,795
1942.....	<sup>8</sup> 331,571	<sup>7</sup> 90,676	12,024	<sup>2</sup> 4,445	<sup>9</sup> 8,813	<sup>4</sup> 6,380	55,405	16,322
1943.....	400,397	77,807	10,949	<sup>4</sup> 2,230	<sup>10</sup> 16,588	<sup>4</sup> 7,368	<sup>5</sup> 57,833	21,839
1944.....	<sup>9</sup> 321,083	<sup>11</sup> 147,285	<sup>15</sup> 15,023	<sup>10</sup> 134	<sup>3</sup> 23,476	<sup>4</sup> 7,816	<sup>5</sup> 76,219	<sup>12</sup> 22,343
1945.....	<sup>9</sup> 309,952	<sup>7</sup> 89,845	114,310	<sup>3</sup> 6,559	<sup>7</sup> 23,019	<sup>7</sup> 12,020	<sup>8</sup> 87,052	13,731
1946.....	229,279	<sup>3</sup> 46,261	<sup>12</sup> 12,547	<sup>4</sup> 4,415	<sup>5</sup> 26,408	<sup>11</sup> 9,218	85,978	<sup>11</sup> 12,860
1947.....	501,177	<sup>3</sup> 117,497	<sup>11</sup> 11,422	<sup>2</sup> 4,346	<sup>5</sup> 24,567	<sup>7</sup> 15,364	111,155	20,537

<sup>1</sup> Sept. 1.<sup>4</sup> Jan. 1.<sup>7</sup> Dec. 1.<sup>10</sup> June 1.<sup>2</sup> Mar. 1.<sup>5</sup> May 1.<sup>8</sup> July 1.<sup>11</sup> Feb. 1.<sup>3</sup> Aug. 1.<sup>6</sup> Oct. 1.<sup>9</sup> Nov. 1.

Bureau of Agricultural Economics.

TABLE 535.—Dairy products: Total disappearance, and total and per capita civilian consumption, United States, 1929-47 1

Year	Total milk for human consumption <sup>2</sup>				Fluid milk and cream <sup>3</sup>				Condensed and evaporated milk <sup>4</sup>				Dry whole milk								
	Total disappearance		Civilian consumption		Total disappearance	Civilian consumption		Per capita	Total disappearance	Civilian consumption		Per capita	Total disappearance	Civilian consumption		Per capita					
	Million pounds	Total	Per capita	Pounds		Total	Pounds			Total	Pounds			Total	Pounds		Total				
				Million pounds			Pounds				Million pounds				Pounds			Million pounds	Pounds	Million pounds	Pounds
1929	99,341	98,841	801.2	43,387	43,385	353.9	1,782	1,657	13.5	15	13	0.11	15	13	0.11						
1930	101,304	100,833	814.8	43,430	43,428	350.9	1,780	1,673	13.5	15	12	0.10	15	12	0.10						
1931	104,618	104,182	835.1	43,468	43,467	348.4	1,759	1,665	13.3	15	9	.06	15	9	.06						
1932	104,500	104,108	829.4	43,982	43,982	350.3	1,814	1,746	13.9	11	7	.07	11	7	.07						
1933	102,914	102,608	812.3	44,063	44,063	348.8	1,763	1,737	13.7	13	11	.09	13	11	.09						
1934	103,657	103,321	812.7	42,388	42,387	333.4	1,959	1,894	14.9	17	15	.12	17	15	.12						
1935	102,751	102,295	799.0	42,940	42,939	335.4	2,119	2,057	16.1	20	18	.14	20	18	.14						
1936	102,368	102,009	791.7	43,883	43,882	340.6	2,087	2,036	15.8	21	18	.14	21	18	.14						
1937	103,680	103,298	796.7	44,377	44,376	342.3	2,213	2,154	16.6	21	14	.11	21	14	.11						
1938	104,223	103,839	794.5	44,207	44,207	338.3	2,299	2,241	17.1	20	15	.11	20	15	.11						
1939	108,976	108,547	824.0	45,312	45,312	344.0	2,388	2,327	17.7	24	17	.13	24	17	.13						
1940	109,715	108,967	821.0	45,672	45,569	343.1	2,388	2,327	17.7	24	19	.14	24	19	.14						
1941	112,433	106,832	806.0	46,573	46,498	350.0	3,339	2,421	18.3	45	23	.17	45	23	.17						
1942	120,550	110,596	837.0	49,024	49,183	372.0	3,295	2,424	18.3	61	25	.19	61	25	.19						
1943	114,665	108,319	799.0	52,494	52,565	393.0	3,752	2,495	18.6	125	49	.38	125	49	.38						
1944	117,891	106,694	779.0	54,834	53,187	412.0	3,890	2,077	16.3	170	35	.35	170	35	.35						
1945	119,103	103,053	794.0	57,713	56,113	432.0	3,871	2,372	18.3	173	39	.30	173	39	.30						
1946	121,604	112,665	809.0	58,835	58,460	420.0	3,784	2,619	18.8	237	71	.51	237	71	.51						
1947	119,294	113,514	791.0	57,650	57,387	400.0	3,624	2,912	20.3	174	69	.48	174	69	.48						

Year	Butter <sup>1</sup>			Cheese <sup>2</sup>			Ice cream <sup>3</sup>			Nonfat dry milk solids for human consumption <sup>4</sup>		
	Total disappearance	Civilian consumption		Total disappearance	Civilian consumption		Total disappearance	Civilian consumption		Total disappearance	Civilian consumption	
		Million pounds	Per capita		Million pounds	Per capita		Million pounds	Per capita		Million pounds	Per capita
1926	2,125	2,117	17.3	565	560	4.6	1,221	1,221	10.0	201	200	1.6
1927	2,142	2,135	17.2	571	567	4.6	1,321	1,321	10.1	228	226	1.8
1928	2,260	2,244	18.0	559	555	4.5	979	979	9.1	247	245	1.9
1929	2,280	2,275	18.1	549	546	4.4	727	727	7.8	282	276	2.1
1930	2,255	2,242	18.0	544	540	4.4	700	700	6.5	288	281	2.2
1931	2,203	2,192	17.9	512	508	4.2	600	600	5.5	305	305	2.2
1932	2,201	2,195	17.9	512	508	4.2	600	600	5.5	373	326	2.5
1933	2,201	2,195	17.9	512	508	4.2	600	600	5.5	486	308	2.3
1934	2,201	2,195	17.9	512	508	4.2	600	600	5.5	539	326	2.3
1935	2,201	2,195	17.9	512	508	4.2	600	600	5.5	539	326	2.3
1936	2,201	2,195	17.9	512	508	4.2	600	600	5.5	539	326	2.3
1937	2,201	2,195	17.9	512	508	4.2	600	600	5.5	539	326	2.3
1938	2,201	2,195	17.9	512	508	4.2	600	600	5.5	539	326	2.3
1939	2,201	2,195	17.9	512	508	4.2	600	600	5.5	539	326	2.3
1940	2,201	2,195	17.9	512	508	4.2	600	600	5.5	539	326	2.3
1941	2,201	2,195	17.9	512	508	4.2	600	600	5.5	539	326	2.3
1942	2,201	2,195	17.9	512	508	4.2	600	600	5.5	539	326	2.3
1943	2,201	2,195	17.9	512	508	4.2	600	600	5.5	539	326	2.3
1944	2,201	2,195	17.9	512	508	4.2	600	600	5.5	539	326	2.3
1945	2,201	2,195	17.9	512	508	4.2	600	600	5.5	539	326	2.3
1946	2,201	2,195	17.9	512	508	4.2	600	600	5.5	539	326	2.3
1947	2,201	2,195	17.9	512	508	4.2	600	600	5.5	539	326	2.3

<sup>1</sup> Total disappearance is based on production, imports for consumption, and change in stocks during the year. Production statistics for these commodities appear in other tables in this chapter.

<sup>2</sup> On fat solids basis. The production of total milk for human consumption differs from total farm production in that the former excludes milk fed to calves, but includes milk fed to calves and milk produced off-farm. The total apparent civilian consumption for the years 1941-46 was obtained by subtracting ending stocks, lend-lease shipments, other exports, and military takings, from the total supply. The per capita civilian consumption for

<sup>3</sup> Fluid milk equivalent.

<sup>4</sup> Canned weight. The evaporated milk is unskimmed, unsweetened, case goods.

The condensed milk is unsweetened (plain condensed), unskimmed, bulk goods; and sweetened condensed milk, unskimmed, case and bulk goods.

<sup>5</sup> The total apparent civilian consumption for the years 1941-46 was obtained by subtracting ending stocks, lend-lease shipments, other exports, and military takings, from the total supply. The per capita civilian consumption for

each year was obtained by dividing the total apparent civilian consumption by the total population adjusted for underenumeration of children under 5 years of age, and for members of the armed forces not eating out of civilian food supplies.

<sup>6</sup> Includes all kinds of cheese except cottage, pot, and bakers' cheese, and full cream butter.

<sup>7</sup> Production of ice cream prior to 1937 is not strictly comparable with that of following years because of the inclusion of production of small retailers and counter freezers since 1937.

<sup>8</sup> Data not available prior to 1935.

Bureau of Agricultural Economics. Data for 1924-28 in Agricultural Statistics, 1944, table 499.

TABLE 536.—*Dairy products: Cold-storage holdings as of annual peak and low point, 1938-47*

Year	Creamery butter		Cheese		Fluid cream <sup>1</sup>		Plastic cream <sup>1</sup>	
	High (Sept. 1)	Low (Apr. 1)	High (Sept. 1)	Low (Apr. 1)	High (Aug. 1)	Low (Mar. 1)	High	Low
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1938.....	<sup>2</sup> 210,703	14,947	150,248	<sup>3</sup> 76,289	.....	.....	.....	.....
1939.....	172,525	<sup>4</sup> 70,909	125,949	<sup>5</sup> 75,345	.....	.....	.....	.....
1940.....	134,268	8,875	<sup>6</sup> 150,211	75,410	.....	.....	.....	.....
1941.....	<sup>7</sup> 202,957	8,983	<sup>8</sup> 189,002	<sup>9</sup> 108,335	.....	.....	.....	.....
1942.....	152,198	<sup>10</sup> 37,228	<sup>11</sup> 296,763	<sup>12</sup> 153,806	.....	.....	.....	.....
1943.....	<sup>13</sup> 232,497	<sup>14</sup> 12,327	<sup>15</sup> 223,697	77,615	.....	.....	.....	.....
1944.....	<sup>16</sup> 154,577	<sup>17</sup> 69,276	<sup>18</sup> 223,254	150,198	.....	.....	.....	.....
1945.....	206,501	29,833	229,310	106,965	48,605	7,111	<sup>19</sup> 9,652	<sup>20</sup> 2,780
1946.....	84,980	<sup>21</sup> 14,052	100,272	<sup>22</sup> 84,845	91,822	6,441	<sup>23</sup> 24,163	<sup>24</sup> 2,275
1947.....	88,364	7,818	202,597	93,427	58,532	<sup>25</sup> 9,021	<sup>26</sup> 13,101	<sup>27</sup> 3,653

<sup>1</sup> Data not collected prior to July 1944.<sup>2</sup> Oct. 1.<sup>3</sup> May 1.<sup>4</sup> Dec. 1.<sup>5</sup> Aug. 1.<sup>6</sup> Mar. 1.<sup>7</sup> Nov. 1.<sup>8</sup> Jan. 1.<sup>9</sup> July 1.<sup>10</sup> Sept. 1.<sup>11</sup> Feb. 1.<sup>12</sup> Apr. 1.

Production and Marketing Administration.

TABLE 537.—*Casein, dry: United States production and imports, 1932-47*

Year	Production tion	Imports for con- sumption	Total	Year	Production tion	Imports for con- sumption	Total
	1,000 pounds	1,000 pounds	1,000 pounds		1,000 pounds	1,000 pounds	1,000 pounds
1932.....	24,428	1,201	25,629	1940.....	46,616	24,523	71,139
1933.....	24,087	8,142	32,229	1941.....	47,340	41,518	88,858
1934.....	37,331	1,491	38,822	1942.....	42,268	16,819	59,087
1935.....	37,638	3,230	40,868	1943.....	18,386	28,052	46,438
1936.....	46,140	16,209	62,349	1944.....	15,264	47,225	62,489
1937.....	67,467	5,210	72,677	1945.....	12,333	51,610	63,943
1938.....	48,549	417	48,966	1946.....	18,319	45,346	63,665
1939.....	40,878	15,832	56,710	1947.....	<sup>1</sup> 31,333	20,887	52,220

<sup>1</sup> Preliminary.

Bureau of Agricultural Economics. Imports compiled from records of Bureau of Foreign and Domestic Commerce and Bureau of the Census.

TABLE 538.—Casein, dry: Factory production, by States, average 1940-44, annual 1945 and 1946

State	Average 1940-44	1945	1946	State	Average 1940-44	1945	1946
	1,000 pounds	1,000 pounds	1,000 pounds		1,000 pounds	1,000 pounds	1,000 pounds
Maine.....	103	9		Iowa.....	387	512	357
Vermont.....	1,835	1,312	779	Oklahoma.....	231	42	100
Massachusetts.....	10			Idaho.....	2,366	774	566
New York.....	6,259	3,608	3,359	Arizona.....	89	44	7
Pennsylvania.....	38	21	2	Utah.....	140	119	13
Ohio.....	219			Washington.....	1,157	208	496
Indiana.....	81			Oregon.....	165		
Illinois.....	1,155	427	939	California.....	7,364	2,668	5,042
Michigan.....	43	7	10	Other States.....	103		70
Wisconsin.....	8,194	1,148	3,238				
Minnesota.....	4,017	1,374	3,351	United States.....	33,976	12,333	18,319

Bureau of Agricultural Economics.

TABLE 539.—Sweetened condensed whole milk and dry whole milk: Factory production, by States, average 1940-44, annual 1945 and 1946

Sweetened condensed whole milk (case goods)				Dry whole milk (total)			
State	Average 1940-44	1945	1946	State	Average 1940-44	1945	1946
	1,000 pounds	1,000 pounds	1,000 pounds		1,000 pounds	1,000 pounds	1,000 pounds
New York.....	18,343	22,773	16,195	Vermont.....	888	2,581	1,222
Ohio.....	1,056			New York.....	23,925	47,072	13,821
Indiana.....	403	7		Pennsylvania.....	1,790	2,706	599
Illinois.....	1,809		37	Ohio.....	9,195	13,332	12,530
Michigan.....	30,634	49,291	43,296	Indiana.....	2,357	9,954	6,024
Wisconsin.....	15,776	25,769	27,173	Ohio.....	4,738	9,011	8,762
Mississippi.....	12,013	14,107	12,794	Michigan.....	31,641	66,238	74,517
Oregon.....	3,716			Wisconsin.....	4,015	31,646	27,365
California.....	15,313	31,068	14,333	Minnesota.....	5,289	25,014	26,836
Other States.....	51	291	78	California.....	6,707	9,702	16,430
United States.....	99,114	143,306	113,906	Other States.....			
				United States.....	90,545	217,276	188,406

Bureau of Agricultural Economics.

TABLE 540.—Dairy products: Manufacturers' average selling price of specified products, United States, 1938-47

Year	Unsweetened evaporated milk, per case of 48 14½-ounce cans, f. o. b. factory	Sweetened condensed milk, per case of 48 14-ounce cans, f. o. b. factory	Nonfat dry milk solids for human food	Dry skim milk for animal feed	Dry whole milk, per pound, f. o. b. factory	Casein, ground, per pound, New York City <sup>1</sup>
	Dollars	Dollars	Cents	Cents	Cents	Cents
1938.....	2.82	4.84	5.47	3.74	15.57	8.6
1939.....	2.75	4.82	6.12	4.94	15.10	12.0
1940.....	2.87	4.80	6.87	4.58	16.04	12.6
1941.....	3.33	5.15	9.00	6.17	19.86	21.4
1942.....	3.62	5.71	12.94	8.10	26.00	20.6
1943.....	4.15	5.84	13.81	8.74	32.76	22.4
1944.....	4.15	6.20	14.26	8.62	36.48	24.4
1945.....	4.15	6.33	14.06	8.39	37.62	24.0
1946.....	4.90	7.00	14.51	9.62	39.60	(?)
1947.....	5.43	8.36	10.86	7.85	41.41	(?)

<sup>1</sup> 1942-47 casein prices are averages of weekly figures compiled by the Production and Marketing Administration. Previous years' figures are prices of 20-30 mesh casein compiled from the Oil, Paint and Drug Reporter, New York, for which the 1942 average was 20.9 cents.

<sup>2</sup> Not available.

Bureau of Agricultural Economics.

TABLE 541.—*Butter: Receipts at 6 markets, by origin, 1946 and 1947*<sup>1</sup>

Origin	New York		Chicago		Philadelphia		Boston		San Francisco		Los Angeles	
	1946	1947	1946	1947	1946	1947	1946	1947	1946	1947	1946	1947
	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.
Maine	58						506					
New Hampshire		113					52	63				
Vermont	144		60		40		85	263				
Massachusetts	308	201					1,077	2,641				
Connecticut							15					
New York	6,684	5,437		1	1,829	1,185	56	4,510				
New Jersey					74			30				
Pennsylvania	213	1,039		5	302	142	104					
Ohio	948	1,597	31	208	187	512	215	134				
Indiana	1,431	756	364	1,935	39	68	173	330				
Illinois	9,638	11,066	11,827	14,439	3,016	3,936	10,551	14,224	2,393	941	1,452	320
Michigan	3,782	2,028	467	639	45	11	405	356			94	
Wisconsin	5,159	8,193	12,737	24,544	1,187	1,327	1,340	1,370	378	1,907	423	1,254
Minnesota	30,969	46,891	18,344	27,459	21,187	31,134	4,263	8,872	982	914	976	1,726
Iowa	59,603	68,369	26,701	31,085	6,710	7,862	6,272	7,643	4,126	1,176	4,445	2,035
Missouri	6,118	6,942	3,607	6,536	1,413	1,666	1,459	1,576	985	921	337	101
North Dakota	4,073	3,226	412	1,608		696	190	202	134	1,602	988	1,119
South Dakota	2,259	2,394	5,808	6,369	80	71	116		114	46	30	63
Nebraska	14,344	17,983	6,290	9,865	5,280	3,869	4,062	2,648	2,368	1,408	2,359	805
Kansas	4,238	2,572	4,686	9,493	149	38	548	130	1,047	1,034	1,059	1,630
District of Columbia	32											
Maryland			1			20						
Virginia	1,126	1,495		34	161	154						
West Virginia					11	28						
North Carolina		3				99						
South Carolina						31						
Florida							26					
Kentucky	451	205	363	703	120	92	283	482			64	
Tennessee	666	323	481	235	139		28		36		35	
Mississippi		56	3			60	19	45			87	
Arkansas	126	312		308			28			395		37
Louisiana									61			
Oklahoma	1,965	457	4,818	10,833	100	112	275	71	731	345	2,312	129
Texas	118		149	470	21		149	41	15		1,018	295
Montana							13		335		10	160
Idaho				106		29	1		1,352	1,919	3,127	12,682
Wyoming							4		833	117	372	707
Colorado	57	4	34	319								40
New Mexico												
Arizona	30										44	
Utah	65				41				100	343	236	155
Nevada									56	27		4
Washington		47	167					27	33	946		213
Oregon	66		160						1,145	2,237	1,292	1,002
California	757	554	145				72		2,787	13,667	1,030	7,460
Total	155,428	182,263	97,648	147,194	42,606	52,336	32,919	45,590	21,779	29,464	22,184	31,919

<sup>1</sup> Including container and wrapping. Includes intermarket shipments.

Production and Marketing Administration.



TABLE 542.—*Butter: Receipts at 6 markets, by rail and truck, 1938-47*<sup>1</sup>

Year	New York			Chicago			Philadelphia		
	Rail	Truck	Total	Rail	Truck	Total	Rail	Truck	Total
1938	1,000 pounds 266,246	1,000 pounds 36,443	1,000 pounds 302,689	1,000 pounds 167,331	1,000 pounds 137,258	1,000 pounds 304,589	1,000 pounds 71,688	1,000 pounds 2,356	1,000 pounds 74,044
1939	226,568	38,378	264,946	140,213	144,734	284,947	68,003	3,526	71,529
1940	217,171	40,017	257,188	115,393	137,254	252,647	72,810	4,393	77,203
1941	212,601	39,521	252,122	127,665	148,770	276,435	69,858	4,073	73,931
1942	177,954	41,703	219,657	112,900	134,114	247,014	68,743	5,333	74,076
1943	173,178	25,796	198,974	72,788	95,414	168,202	59,569	1,042	60,611
1944	185,136	14,696	199,832	59,092	88,212	147,304	57,495	1,384	58,879
1945	197,502	14,201	211,703	54,432	87,315	141,747	53,406	786	54,192
1946	146,091	9,337	155,428	32,012	65,636	97,648	41,270	1,336	42,606
1947	160,486	21,777	182,263	44,296	102,898	147,194	48,947	3,389	52,336
	Boston			San Francisco			Los Angeles		
1938	78,069	5,044	83,113	-----	-----	34,395	-----	-----	46,587
1939	70,316	6,355	76,671	-----	-----	3,245	-----	-----	49,873
1940	74,858	5,695	80,553	<sup>2</sup> 9,697	<sup>2</sup> 27,263	36,960	-----	-----	53,418
1941	73,104	6,027	79,131	11,575	26,280	37,855	<sup>2</sup> 20,730	<sup>2</sup> 34,283	55,013
1942	69,460	5,837	75,317	21,056	22,989	44,045	28,171	26,101	54,272
1943	55,951	3,038	58,989	35,880	14,790	50,370	30,546	13,690	44,236
1944	58,482	2,243	60,725	37,079	12,944	50,023	26,425	8,763	35,188
1945	41,482	1,844	43,326	36,680	10,513	47,193	34,798	6,300	41,098
1946	30,871	2,048	32,919	17,002	4,777	21,779	20,979	1,205	22,184
1947	43,744	1,846	45,590	12,143	17,321	29,464	16,913	15,006	31,919

<sup>1</sup> Including container and wrapping. Includes intermarket shipments.<sup>2</sup> Rail and truck not separated prior to year indicated.

Production and Marketing Administration.

TABLE 543.—*Butter, Grade A (92 score) and Grade B (90 score) creamery: Average wholesale price per pound, New York, Chicago, Philadelphia, Boston, and San Francisco, 1938-47*

	New York		Chicago		Philadelphia		Boston	San Francisco	
	Grade A (92 score)	Grade B (90 score)	Grade A (92 score)	Grade B (90 score)	Grade A (92 score)	Grade B (90 score)	Grade A (92 score)	Grade A (92 score)	Grade B (90 score)
1938	Cents 28.0	Cents 27.2	Cents 27.1	Cents 26.3	Cents 28.2	Cents 27.2	Cents 28.4	Cents 28.3	Cents 27.0
1939	26.0	25.0	25.4	24.8	26.4	25.2	26.6	27.7	25.4
1940	29.5	28.9	28.7	28.2	29.9	29.0	29.9	30.5	29.1
1941	34.3	33.4	33.8	32.8	34.8	33.4	34.9	35.9	34.1
1942	40.1	39.3	39.5	38.8	40.5	39.5	(1)	42.3	40.7
1943 <sup>2</sup>	44.7	(1)	44.0	43.2	45.4	(1)	(1)	44.7	44.4
1944 <sup>2</sup>	42.3	(1)	41.5	41.3	(1)	(1)	(1)	(1)	(1)
1945 <sup>2</sup>	42.9	(1)	42.3	42.0	43.0	(1)	(1)	(1)	(1)
1946	62.8	61.8	61.9	61.0	63.0	(1)	(1)	<sup>2</sup> 63.2	<sup>2</sup> 61.1
1947	71.3	68.4	70.6	68.5	72.1	(1)	(1)	73.8	69.0

<sup>1</sup> No prices available.<sup>2</sup> Prices of butter shown reflect actual wholesale trading and include the wholesale mark-up permitted under OPA MPR 289, as amended.<sup>3</sup> Average for 11 months.

Production and Marketing Administration.

816939-49-28

**TABLE 544.—Butter futures: Volume of trading and annual average of month-end open contracts on all contract markets, and highest and lowest prices per pound on the Chicago Mercantile Exchange, 1938–47**

Year	Volume of trading	Average of open contracts	Price <sup>1</sup>		Year	Volume of trading	Average of open contracts	Price <sup>1</sup>	
			Highest	Lowest				Highest	Lowest
	<i>Carlots</i> <sup>2</sup>	<i>Carlots</i> <sup>2</sup>	<i>Cents</i>	<i>Cents</i>		<i>Carlots</i> <sup>2</sup>	<i>Carlots</i> <sup>2</sup>	<i>Cents</i>	<i>Cents</i>
1938.....	11,716	761	32.38	22.62	1943.....	33	0	45.50	45.50
1939.....	13,177	908	28.30	21.75	1944.....	0	0	45.75	45.60
1940.....	16,356	844	34.50	25.80	1945.....	25	4	75.00	54.00
1941.....	31,125	1,754	38.25	27.35	1946.....	69	9	78.75	53.50
1942.....	14,893	781	45.50	32.25	1947.....	17,378	603		

<sup>1</sup> Standard contract storage.

<sup>2</sup> Averaging 19,200 pounds.

Commodity Exchange Authority. Trading and open contract figures compiled from daily reports from exchange clearing members. Prices compiled from records of the Chicago Mercantile Exchange.

**TABLE 545.—Butter and cheese: Quantities officially graded by Federal and Federal-State graders, and butter graded for packaging with certificates of quality, 1930–47**

Year	Butter		Cheese	Year	Butter		Cheese
	Total graded	Graded for packing with certificates of quality <sup>1</sup>			Total graded	Graded for packing with certificates of quality <sup>1</sup>	
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>		<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>
1930.....	163,350,365	28,869,051	395,529	1939.....	271,339,115	87,226,808	5,514,528
1931.....	188,545,508	40,034,307	535,890	1940.....	253,856,059	88,588,499	10,915,691
1932.....	187,680,457	46,505,011	1,523,943	1941.....	298,133,367	83,260,038	167,437,051
1933.....	269,310,674	46,520,397	1,568,158	1942.....	367,708,678	86,436,372	310,277,910
1934.....	280,806,031	47,317,445	3,522,572	1943.....	491,271,672	60,524,522	300,005,649
1935.....	214,568,160	46,965,080	2,292,537	1944.....	301,138,984	42,056,944	208,965,380
1936.....	250,269,731	61,888,639	3,919,945	1945.....	268,569,271	52,213,854	265,559,974
1937.....	272,931,309	82,096,875	3,324,635	1946.....	91,181,106	18,639,635	94,672,532
1938.....	320,456,549	85,150,410	8,176,652	1947.....	220,153,596	56,409,264	167,862,318

<sup>1</sup> These quantities are also included in preceding column of this table.

Production and Marketing Administration.

TABLE 546.—Cheese: Receipts at 6 markets, by origin, 1946 and 1947<sup>1</sup>

Origin	New York		Chicago		Philadelphia		Boston		San Francisco		Los Angeles	
	1946	1947	1946	1947	1946	1947	1946	1947	1946	1947	1946	1947
	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.
Maine										1		
Vermont		137				20		131				
Massachusetts	28	55	23	28	1	50	208	954				
Connecticut		41										
New York	3,374	3,320	107	477	710	620	594	919	91	398		190
New Jersey					373	128	67		147	106	45	28
Pennsylvania	1,728	135		1	1,194	3,157	386	91				
Ohio	5,939	5,263	96	846	2,197	2,021	1,980	848	499	156	26	96
Indiana	4,326	3,644	215	300	712	572	383	318	44	113		90
Illinois	12,279	21,311	6,986	4,049	5,444	4,237	2,321	2,286	1,332	1,773	1,041	1,193
Michigan	1,916	451	132	137	133	80	57	1	107	78	77	
Wisconsin	96,723	76,415	22,535	20,954	31,012	33,309	18,829	17,186	6,130	4,879	9,617	9,015
Minnesota	10,038	4,632	489	966	2,051	2,162	352	935	569	389	1,147	521
Iowa	3,328	3,254	147	301	170	146	298	64	153	263	103	174
Missouri	2,958	1,604	40	740	194	222		136	695	466	707	1,306
North Dakota	318	304										31
South Dakota	38	22										
Nebraska	285	253		6		26	22	58	91		88	104
Kansas	53	86	185	150	74	360	3	7	18		175	76
District of Columbia	119											
Maryland								139				
Virginia	73			1	33							
West Virginia			7			1						
Georgia	477	1,468			221	183		181				
Kentucky	45	48		92			36					
Tennessee	1,250	1,940	45	47	229	207			41			
Alabama			29									
Mississippi	155	165			64			34				45
Arkansas	36		32									
Louisiana			120				28		58			
Oklahoma		42	109						278	11	913	186
Texas	228	374	178	12	53		99		64	234	243	557
Montana				49					213	344	74	174
Idaho	63	183	186	1					446	3,334	4,121	4,223
Wyoming											31	
Colorado	647	583	87	76					7			139
New Mexico			8	102								134
Utah	490	1,143	87	462	117	31			137	329	137	308
Nevada												
Washington		135	27	53				61	27	200	66	97
Oregon	289								1,736	3,376	4,092	4,718
California		147	2	1					4,634	3,209	821	90
Canada		81					5					
Total	147,203	126,636	31,873	29,851	45,582	47,535	25,804	24,349	17,459	19,817	23,584	23,495

<sup>1</sup> Including container and wrapping. Includes intermarket shipments.

Production and Marketing Administration.

TABLE 547.—Cheese, American: Average wholesale price per pound, Wisconsin Cheese Exchange, and New York, Chicago, and San Francisco, 1938-47

Location and type of cheese	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947
	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents
Wisconsin Cheese Exchange: Twins or cheddars	12.6	12.8	14.3	19.4	21.6	23.3	23.3	23.3	(1)	(1)
New York: No. 1 fresh single daisies	15.1	15.6	17.0	22.3	25.1	(1)	(1)	(1)	(1)	42.1
Chicago: No. 1 fresh single daisies	14.3	14.6	16.2	21.4	24.0	26.0	26.0	26.0	38.4	40.9
San Francisco: No. 1 triplets	14.3	14.3	15.8	20.8	23.6	27.0	27.2	27.2	38.8	41.6

<sup>1</sup> Not available.

Production and Marketing Administration.

TABLE 548.—Cheese: Receipts at 6 markets, by rail and truck, 1938-47<sup>1</sup>

Year	New York			Chicago			Philadelphia		
	Rail	Truck	Total	Rail	Truck	Total	Rail	Truck	Total
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1938	72,547	1,844	74,391	12,619	22,463	35,082	-----	-----	24,633
1939	65,013	3,485	68,498	9,780	18,762	28,542	-----	-----	26,457
1940	71,472	3,411	74,883	10,249	20,305	30,554	25,422	20	25,442
1941	89,359	1,694	91,053	11,844	22,592	34,436	30,829	-----	30,829
1942	95,828	3,722	99,550	40,129	23,023	63,152	34,521	357	34,878
1943	95,550	2,085	97,635	31,676	12,331	44,007	24,769	413	25,182
1944	109,701	1,681	111,382	35,483	12,925	48,408	26,360	512	26,872
1945	127,161	1,174	128,335	29,175	14,662	43,797	32,505	730	33,235
1946	146,743	460	147,203	17,150	14,723	31,873	44,088	1,494	45,582
1947	124,727	1,909	126,636	19,133	10,718	29,851	44,069	3,466	47,535

Year	Boston			San Francisco			Los Angeles		
	Rail	Truck	Total	Rail	Truck	Total	Rail	Truck	Total
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1938	12,772	1,064	13,836	-----	-----	17,697	-----	-----	14,534
1939	11,810	1,543	13,353	-----	-----	17,869	-----	-----	14,389
1940	12,350	1,936	14,286	6,447	11,685	18,132	-----	-----	18,313
1941	13,929	1,747	15,676	7,403	10,284	17,687	11,395	6,485	17,880
1942	14,314	2,171	16,485	10,276	11,428	21,704	14,060	7,273	21,333
1943	14,271	680	14,951	16,458	5,689	22,157	7,739	7,371	15,110
1944	13,744	1,119	14,863	11,807	3,852	15,659	11,404	3,798	15,202
1945	13,148	597	13,745	11,420	4,572	15,992	14,505	3,780	18,285
1946	25,512	292	25,804	12,030	5,429	17,459	18,668	4,916	23,584
1947	23,497	852	24,349	12,208	7,549	19,817	19,158	4,337	23,495

<sup>1</sup> Including container and wrapping. Includes intermarket shipments.<sup>2</sup> Rail and truck not separated prior to year indicated.

Production and Marketing Administration.

TABLE 549.—Chickens: Number on farms Jan. 1, and value, United States, 1930-48<sup>1</sup>

Year	Number					Value per head	Total value
	Hens	Pullets	Hens and pullets	Other chickens	All chickens		
	Thousands	Thousands	Thousands	Thousands	Thousands	Cents	1,000 dollars
1930 <sup>2</sup>	-----	-----	-----	-----	578,878	84.9	321,625
1930	167,139	253,312	420,451	48,040	468,491	92.8	434,830
1931	158,214	243,562	401,776	47,967	449,743	70.3	315,968
1932	156,178	229,648	385,826	50,989	436,815	61.5	268,767
1933	154,037	236,706	390,743	53,780	444,523	44.9	199,753
1934	146,997	238,344	385,341	48,596	433,937	42.0	182,424
1935 <sup>3</sup>	-----	-----	-----	-----	371,608	51.5	191,504
1935	138,609	211,798	350,407	39,551	389,958	54.4	212,071
1936	136,187	226,432	362,619	40,827	403,446	75.5	304,725
1937	130,445	249,309	379,754	44,167	423,921	65.6	278,120
1938	137,958	215,006	352,964	36,660	389,624	75.6	294,718
1939	134,331	241,810	376,141	42,450	418,591	70.0	292,852
1940 <sup>2</sup>	-----	-----	-----	-----	397,849	56.0	189,086
1940	139,079	253,576	392,655	45,633	438,288	60.5	265,000
1941	141,430	239,885	381,315	41,526	422,841	65.4	276,460
1942	150,170	277,741	427,911	49,024	476,935	83.3	397,509
1943	170,337	318,622	488,959	53,088	542,047	104.0	563,986
1944	174,000	349,587	523,587	58,610	582,197	118.0	685,901
1945 <sup>3</sup>	-----	-----	-----	-----	438,111	-----	-----
1945	172,426	301,454	473,880	42,617	516,497	121.0	626,259
1946	149,524	324,709	474,233	55,970	530,203	127.0	670,973
1947	150,392	285,273	435,665	38,776	474,441	144.0	682,486
1948 <sup>4</sup>	141,417	286,446	427,863	35,113	462,976	144.0	667,597

<sup>1</sup> Does not include commercial broilers.<sup>2</sup> United States census as of Apr. 1.<sup>3</sup> United States census as of Jan. 1.<sup>4</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1909-29 in Agricultural Statistics, 1942, table 645.

TABLE 550.—*Chickens: Hens, pullets, and other chickens on farms Jan. 1, by States, average 1937-46, annual 1947 and 1948*

State and division	Hens			Pullets			Other chickens		
	Average 1937-46	1947	1948	Average 1937-46	1947	1948	Average 1937-46	1947	1948
	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands
Maine.....	662	827	868	1,503	1,407	1,520	126	107	70
New Hampshire.....	479	631	530	1,540	1,556	1,743	179	161	105
Vermont.....	259	282	305	692	650	663	49	40	30
Massachusetts.....	809	991	932	3,652	3,897	4,131	242	191	145
Rhode Island.....	111	142	128	376	395	415	38	26	20
Connecticut.....	767	1,054	991	2,124	2,115	2,242	224	162	130
New York.....	5,078	4,921	4,921	9,442	9,533	10,868	821	879	835
New Jersey.....	2,298	3,155	3,407	4,830	6,479	6,479	1,377	1,047	806
Pennsylvania.....	6,656	7,239	7,094	12,825	14,299	14,156	2,343	2,573	2,316
North Atlantic.....	17,089	19,242	19,176	36,986	40,331	42,217	5,398	5,186	4,457
Ohio.....	6,599	5,778	5,489	13,639	12,678	12,805	1,885	1,212	812
Indiana.....	3,989	3,527	3,527	10,855	11,924	12,043	2,214	2,112	1,985
Illinois.....	6,538	6,024	5,723	15,470	15,731	15,416	2,226	1,298	1,142
Michigan.....	3,554	3,272	3,272	8,713	8,465	8,211	968	541	400
Wisconsin.....	5,524	6,918	5,876	10,436	10,952	11,171	775	700	658
East North Central.....	26,204	24,919	23,887	59,113	59,750	59,646	8,067	5,863	4,997
Minnesota.....	6,133	7,154	6,725	16,923	21,091	20,880	1,209	680	748
Iowa.....	8,266	6,907	5,871	24,438	26,537	26,802	2,717	1,678	1,628
Missouri.....	7,690	7,223	6,284	14,730	14,503	15,228	2,034	1,604	1,395
North Dakota.....	1,448	1,391	1,321	3,318	3,612	3,460	438	283	297
South Dakota.....	2,301	2,231	2,142	5,599	6,863	6,863	684	437	503
Nebraska.....	3,689	3,535	3,358	10,108	11,034	10,372	1,455	1,068	1,111
Kansas.....	5,514	5,262	4,788	10,189	10,328	10,018	1,259	900	738
West North Central.....	35,041	33,703	30,489	85,305	93,998	93,623	9,777	6,650	6,420
Delaware.....	330	339	292	682	613	687	250	194	144
Maryland.....	1,346	1,418	1,390	2,368	2,514	2,489	684	586	504
Virginia.....	3,649	3,777	3,286	5,500	5,700	5,871	843	757	795
West Virginia.....	1,856	1,768	1,697	2,303	2,210	1,967	407	305	293
North Carolina.....	3,758	4,216	3,710	5,460	5,876	5,288	2,283	2,019	1,534
South Carolina.....	1,824	1,969	1,862	2,074	2,198	2,000	1,104	1,170	1,041
Georgia.....	3,341	3,406	3,202	4,131	4,296	4,038	1,483	1,554	1,399
Florida.....	1,060	1,151	1,013	1,266	1,168	1,285	641	545	523
South Atlantic.....	17,163	18,035	16,452	23,785	24,575	23,625	7,694	7,130	6,233
Kentucky.....	3,759	3,776	3,361	6,955	6,931	7,278	1,490	1,160	1,044
Tennessee.....	4,392	4,476	4,207	6,090	5,900	5,723	1,373	1,156	1,087
Alabama.....	3,351	3,445	3,204	3,913	3,780	3,440	1,548	1,410	1,452
Mississippi.....	3,602	3,412	3,344	3,619	3,332	2,999	1,280	1,090	1,123
Arkansas.....	3,444	3,239	2,753	4,627	3,809	3,847	1,204	798	899
Louisiana.....	1,909	1,729	1,573	2,654	2,446	2,226	1,267	1,177	1,059
Oklahoma.....	4,486	4,347	4,130	7,328	6,160	6,345	1,061	825	784
Texas.....	12,772	13,069	12,154	15,111	13,722	13,859	3,075	2,387	2,339
South Central.....	37,716	37,493	34,726	50,296	46,080	45,717	12,298	10,003	9,598
Montana.....	682	618	569	1,334	1,313	1,208	208	138	119
Idaho.....	630	585	468	1,718	1,580	1,627	157	124	126
Wyoming.....	296	303	282	492	499	484	91	86	59
Colorado.....	1,150	1,161	1,103	2,396	2,149	2,155	336	220	196
New Mexico.....	483	574	522	618	529	555	111	94	89
Arizona.....	267	313	310	360	280	339	87	75	82
Utah.....	1,258	1,309	1,309	1,317	1,661	1,577	193	162	146
Nevada.....	120	118	117	141	159	162	28	40	38
Washington.....	2,635	2,003	1,923	3,413	2,991	2,841	332	311	364
Oregon.....	1,387	1,472	1,369	2,099	1,712	1,780	332	284	318
California.....	7,850	8,544	8,715	7,796	7,766	8,853	1,866	2,330	1,871
Western.....	16,758	17,000	16,687	21,686	20,539	21,618	3,740	3,944	3,408
United States.....	149,970	150,392	141,417	277,170	285,273	286,446	46,974	38,776	35,113

TABLE 551.—*Chickens: Number on farms Jan. 1, value per head, and total value, by States, average 1937-46, annual 1947 and 1948*<sup>1</sup>

State and division	Number			Value per head			Total value		
	Average 1937-46	1947	1948	Average 1937-46	1947	1948	Average 1937-46	1947	1948
	Thousands	Thousands	Thousands	Cents	Cents	Cents	1,000 dollars	1,000 dollars	1,000 dollars
Maine.....	2,291	2,341	2,458	135	215	221	3,202	5,033	5,432
New Hampshire.....	2,198	2,348	2,378	136	215	226	3,117	5,048	5,374
Vermont.....	1,001	972	998	133	217	224	1,377	2,109	2,236
Massachusetts.....	4,704	5,079	5,208	141	216	222	6,916	10,971	11,562
Rhode Island.....	524	563	563	138	214	218	755	1,205	1,227
Connecticut.....	3,114	3,331	3,363	139	216	216	4,496	7,195	7,264
New York.....	15,342	15,333	16,624	123	209	210	19,381	32,046	34,910
New Jersey.....	8,475	10,081	10,692	134	212	220	11,929	22,644	23,522
Pennsylvania.....	21,824	24,111	23,566	113	179	179	25,394	43,159	42,183
North Atlantic.....	59,473	64,759	65,850	125	200	203	76,560	129,410	133,710
Ohio.....	22,122	19,668	19,106	96	151	153	21,378	29,699	29,232
Indiana.....	17,058	17,563	17,555	88	135	135	15,401	23,710	23,699
Illinois.....	24,234	23,053	22,281	88	137	133	21,684	31,583	29,634
Michigan.....	13,235	12,278	11,883	100	164	163	13,451	18,908	19,369
Wisconsin.....	16,784	17,970	17,705	93	143	143	15,985	25,697	25,318
East North Central.....	93,383	90,832	88,530	92.6	143	144	87,899	129,597	127,252
Minnesota.....	24,265	28,925	28,353	79	133	133	20,386	38,470	37,709
Iowa.....	35,421	35,122	34,301	87	143	137	31,851	50,224	46,992
Missouri.....	24,454	23,330	22,907	78	130	126	19,680	30,329	28,863
North Dakota.....	5,204	5,316	5,078	75	128	127	4,210	6,804	6,449
South Dakota.....	8,564	9,531	9,508	78	114	114	7,127	12,235	10,839
Nebraska.....	15,252	15,637	14,841	77	123	113	12,287	19,234	16,770
Kansas.....	16,962	16,490	15,544	75	118	118	13,228	19,458	18,342
Wes North Central.....	130,122	134,351	130,532	80.0	132	127	108,768	176,814	165,964
Delaware.....	1,262	1,146	1,123	107	164	166	1,369	1,879	1,864
Maryland.....	4,397	4,518	4,383	102	156	162	4,561	7,048	7,100
Virginia.....	9,992	10,234	9,952	91	140	140	9,264	14,328	13,933
West Virginia.....	4,566	4,283	3,957	85	140	140	3,910	5,996	5,540
North Carolina.....	11,501	12,111	10,532	88	139	140	10,542	16,834	14,745
South Carolina.....	5,002	5,328	4,903	90	149	150	4,699	7,939	7,354
Georgia.....	8,955	9,256	8,639	83	142	141	7,722	13,144	12,181
Florida.....	2,967	2,864	2,821	98	162	162	2,994	4,640	4,570
South Atlantic.....	48,642	49,740	46,310	89.9	144	145	45,061	71,808	67,287
Kentucky.....	12,204	11,867	11,683	73	120	112	9,159	14,240	13,085
Tennessee.....	11,856	11,532	11,017	74	116	113	8,968	13,377	12,449
Alabama.....	8,813	8,635	8,096	74	121	126	6,724	10,438	10,201
Mississippi.....	8,500	7,834	7,466	72	121	121	6,294	9,479	9,034
Arkansas.....	9,276	7,846	7,310	67	115	116	6,356	9,023	8,480
Louisiana.....	5,829	5,352	4,858	82	145	145	4,929	7,760	7,044
Oklahoma.....	12,874	11,332	11,259	70	116	116	9,470	13,145	13,060
Texas.....	30,959	29,178	28,352	72	122	117	23,426	35,597	33,172
South Central.....	100,310	93,576	90,041	72.4	121	118	75,324	113,069	106,525
Montana.....	2,224	2,069	1,896	86	140	155	1,961	2,897	2,939
Idaho.....	2,506	2,289	2,221	85	140	148	2,181	3,205	3,287
Wyoming.....	879	808	825	81	133	137	722	1,154	1,130
Colorado.....	3,882	3,530	3,491	77	125	140	3,090	4,412	4,887
New Mexico.....	1,213	1,197	1,169	79	130	139	998	1,556	1,621
Arizona.....	714	668	731	103	157	165	754	1,049	1,206
Utah.....	2,768	3,032	3,032	83	132	147	2,379	4,002	4,457
Nevada.....	317	317	317	94	156	166	279	466	495
Washington.....	6,380	5,305	5,128	103	158	172	6,554	8,382	8,820
Oregon.....	3,818	3,468	3,467	103	162	177	4,006	5,618	6,137
California.....	17,512	18,740	19,439	104	155	164	18,641	29,047	31,880
Western.....	42,184	41,483	41,713	96.3	149	160	41,565	61,788	66,859
United States.....	474,114	474,441	462,976	89.0	144	144	435,178	682,486	667,597

<sup>1</sup> Does not include commercial broilers.

Bureau of Agricultural Economics.

TABLE 552.—*Chickens: Summary of participation in the National Poultry Improvement Plan, 1935-47*

Year beginning July—	States partic- ipating	Hatcheries			Supply flocks		U. S. Record of Performance <sup>2</sup>				U. S. Register of Merit <sup>2</sup>			
		Number	Egg capacity <sup>1</sup>	Flocks	Birds	Flocks	Candidates trap- nested	Females in U.S.R.O.P. matings <sup>3</sup>	Average egg production <sup>4</sup>	Sires		Dams		
										Number	Daughters' average egg production <sup>4</sup>	Number	Daughters' average egg production <sup>4</sup>	
		Number	Thousands	Number	Thousands	Number	Thousands	Number	Number	Number	Number	Number	Number	
1935	34	1,017	38,066	190	3,522	66,547	10,477	22,322	36	144	144	310	144	
1936	42	1,239	52,592	332	6,536	112,202	16,947	26,135	82	310	310	418	310	
1937	42	1,478	50,523	329	6,538	124,937	18,851	30,081	155	809	809	809	809	
1938	44	2,033	75,753	396	8,654	139,483	20,081	32,949	191	197	197	1,153	206	
1939	44	2,192	90,579	429	10,714	144,447	32,949	38,957	337	198	198	1,919	207	
1940	44	2,465	117,916	446	12,011	154,969	42,841	45,964	420	199	199	2,483	207	
1941	44	2,667	135,742	425	15,519	160,022	45,964	49,280	408	199	199	2,873	205	
1942	44	2,729	146,427	435	16,534	151,685	49,280	53,081	514	199	199	3,785	208	
1943	45	3,080	189,756	447	20,332	159,534	53,081	62,228	707	204	204	4,742	209	
1944	45	3,181	206,259	441	18,592	173,183	62,228	71,684	719	222	222	5,230	222	
1945	47	3,952	299,453	471	24,504	232,353	71,684	81,844	729	222	222	5,230	222	
1946	47	4,336	331,741	471	27,501	230,183	81,844	97,393	729	222	222	5,230	222	
1947	47	4,336	331,741	464	27,295	215,198	71,684	81,844	729	222	222	5,230	222	

<sup>1</sup> Manufacturer's rating of the number of eggs the incubators will hold, including both incubating and hatching trays.<sup>2</sup> For U. S. Record of Performance and U. S. Register of Merit, the year covers 285 days from date of first egg of each bird. Most candidates begin laying in the late summer or early fall.<sup>3</sup> Single-male matings of U. S. R. O. P. birds.<sup>4</sup> Computed by dividing the number of eggs laid during the year by the number of candidates, according to Record of Pedigreed Candidates submitted for U. S. Register of Merit Analysis.

Bureau of Animal Industry.



TABLE 553.—*Chickens: Participation in the National Poultry Improvement Plan, by States, 1947<sup>1</sup>*

State and division	Hatcheries		Supply flocks			U. S. Record of Performance			
	Number	Egg capacity <sup>2</sup>	Flocks	Birds	Average number of birds per flock	Breeders	Flocks	Candidates trap-nested	Females in U. S. R.O.P. matings <sup>3</sup>
		Thousands	Number	Thousands	Number	Number	Number	Number	Number
Maine.....	96	2,181	665	728	1,034	1	1	142	98
New Hampshire.....	131	5,295	647	1,387	2,143	14	19	6,392	2,964
Vermont.....	28	384	208	150	720	2	2	850	198
Massachusetts.....	221	6,338	709	954	1,346	18	20	17,913	4,014
Rhode Island.....	15	217	53	54	1,023	2	2	239	749
Connecticut.....	116	6,502	437	553	1,266	12	16	5,041	2,367
New York.....	228	7,398	731	643	880	14	20	8,440	1,600
New Jersey.....	70	7,349	548	445	994	10	12	5,618	2,363
Pennsylvania.....	92	6,245	658	440	669	10	12	11,279	14,353
North Atlantic.....	997	41,009	4,656	5,454	1,171	83	104	55,914	14,353
Ohio.....	181	14,041	5,756	1,196	208	18	18	11,063	3,346
Indiana.....	208	30,984	11,987	2,582	215	14	20	20,402	6,828
Illinois.....	238	31,924	14,364	2,658	185	12	18	6,465	1,908
Michigan.....	106	6,656	1,657	444	298	10	17	5,656	3,346
Wisconsin.....	62	3,590	915	292	310	14	19	7,381	3,881
East North Central.....	855	87,195	34,679	7,172	207	68	92	50,967	19,309
Minnesota.....	232	21,914	4,482	1,661	371	15	19	14,212	7,047
Iowa.....	111	11,224	5,019	1,152	229	10	14	9,458	2,626
Missouri.....	216	31,641	16,691	3,052	183	19	40	11,934	6,295
North Dakota.....	56	4,202	1,172	202	173	4	4	538	195
South Dakota.....	49	3,587	968	241	249	1	1	439	111
Nebraska.....	47	5,244	1,738	367	211	4	10	2,812	469
Kansas.....	149	11,816	4,432	908	205	7	14	4,704	2,164
West North Central.....	860	89,628	34,502	7,583	220	60	102	44,097	18,907
Delaware.....	22	5,796	547	437	798	1	2	1,122	243
Maryland.....	59	10,808	1,092	359	329	5	7	1,288	190
Virginia.....	96	10,812	1,606	605	377	4	4	1,740	669
West Virginia.....	23	1,677	865	110	127	1	1	36	36
North Carolina.....	208	10,604	1,720	762	443	13	16	5,173	2,001
South Carolina.....	44	2,089	324	99	304	6	7	1,893	709
Georgia.....	87	7,690	492	408	828	3	3	2,091	579
Florida.....	72	3,290	170	183	1,074	10	12	4,307	821
South Atlantic.....	611	52,766	6,816	2,963	435	43	52	17,650	5,248
Kentucky.....	107	5,401	4,272	482	113	9	17	4,255	1,848
Tennessee.....	65	3,719	1,949	217	111	5	8	2,729	651
Alabama.....	102	3,905	741	127	171	7	12	4,184	1,139
Mississippi.....	61	1,975	476	80	167	1	1	752	23
Arkansas.....	62	3,223	604	113	188	2	2	113	113
Louisiana.....	75	1,799	519	60	115	6	10	2,674	686
Oklahoma.....	90	6,434	2,493	407	163	4	11	2,651	647
Texas.....	116	9,804	1,745	427	245	13	15	10,061	3,267
South Central.....	678	36,350	12,799	1,912	149	47	76	27,286	8,374
Montana.....	19	1,255	194	31	158	—	—	—	—
Idaho.....	36	1,457	426	89	209	3	4	1,257	209
Wyoming.....	7	201	92	13	147	1	2	452	161
Colorado.....	38	2,118	641	123	192	3	3	2,400	474
New Mexico.....	3	93	11	6	519	1	1	909	262
Arizona.....	9	361	43	18	413	2	6	1,333	95
Utah.....	21	1,861	80	64	794	3	3	2,949	617
Nevada.....	54	3,226	588	354	601	11	12	3,925	2,000
Washington.....	50	2,862	768	373	485	7	7	6,059	1,675
Oregon.....	88	10,459	1,068	1,110	1,059	—	—	—	—
California.....	—	—	—	—	—	—	—	—	—
Western.....	325	23,893	3,911	2,181	557	31	38	19,284	5,493
United States.....	4,326	331,741	97,363	27,266	280	332	464	215,198	71,684

<sup>1</sup> For hatcheries and supply flocks, year began July 1, 1947, and ended June 30, 1948. For U. S. Record of Performance, the year covers 365 days from date of first egg of each bird. Most candidates begin laying in the late summer or early fall.

<sup>2</sup> Manufacturer's rating of the number of eggs the incubators will hold, including both incubating and hatching trays. <sup>3</sup> Single-male matings of U.S.R.O.P. birds.

Bureau of Animal Industry.

TABLE 554.—*Chickens: Participation in U. S. Register of Merit, 1946, and U. S. Record of Performance, 1947, by breeds and varieties*

Breed and variety	U. S. Register of Merit, 1946 <sup>1</sup>						U. S. Record of Performance, 1947 <sup>1</sup>			
	Sires			Dams			Flocks	Candidates trap-nested	U. S.-R. O. P. mat-ings <sup>2</sup>	Average egg production <sup>3</sup>
	Number	Daughters	Daughters' average egg production	Number	Daughters	Daughters' average egg production				
	Number	Number		Number	Number		Number	Number	Number	Number
Single-Comb White Leghorn	464	34,746	228	3,356	31,770	236	169	101,918	2,089	198
New Hampshire	80	5,567	204	611	5,806	209	102	43,243	875	171
Single-Comb Rhode Island Red	96	5,560	217	635	5,547	222	57	27,171	598	195
Barred Plymouth Rock	60	3,627	213	371	3,201	218	56	19,070	424	183
White Plymouth Rock	23	1,186	200	222	1,840	203	59	20,907	558	154
Black Australorp	1	39	207	9	70	212	9	1,401	63	172
White Wyandotte	1	39	207	6	49	205	5	931	51	136
Others	5	273	200	26	201	205	7	557	15	144
Total or average	729	50,998	222	5,236	48,484	222	464	215,198	4,673	186

<sup>1</sup> Trap-nest year covering 365 days from date of first egg of each bird. Most candidates begin laying in the late summer or early fall.

<sup>2</sup> Single-male matings of U.S.R.O.P. birds.

<sup>3</sup> These figures are for year 1946.

Bureau of Animal Industry.

TABLE 555.—*Chickens: Distribution of breed and variety of birds trap-nested under the National Poultry Improvement Plan, 1939-47<sup>1</sup>*

Breed and variety	1939	1940	1941	1942	1943	1944	1945	1946	1947
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
Single-Comb White Leghorn	57.7	56.3	53.0	51.2	49.9	50.6	48.0	47.6	47.4
Single-Comb Rhode Island Red	12.9	14.9	13.6	13.4	13.8	12.1	13.0	12.2	12.6
New Hampshire	8.1	8.3	9.1	11.5	12.4	13.2	15.9	18.9	20.1
White Plymouth Rock	7.5	9.3	12.1	11.9	10.6	11.5	11.5	9.5	9.7
Barred Plymouth Rock	11.1	9.4	10.0	9.5	10.8	10.6	9.4	9.6	8.9
White Wyandotte	1.5	1.1	1.4	1.4	1.1	0.8	0.9	1.1	0.4
Others	1.2	0.7	0.8	1.1	1.4	1.2	1.3	1.1	0.9
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

<sup>1</sup> Trap-nest year covering 365 days from date of first egg of each bird. Most candidates begin laying in the late summer or early fall.

Bureau of Animal Industry.

TABLE 556.—Chickens: Farm production, disposition, cash receipts, and gross income, by States, 1948

State and division	Number				Pounds			Farm price per pound	Value of chickens produced	Cash receipts (sales)	Value of chickens consumed	Gross income
	Raised	Loss of mature birds	Pro-duced	Change in inventory	Con- sumed	Pro- duced	Con- sumed					
	In-crease	De-crease										
	Thous- ands	Thous- ands	Thous- ands	Thous- ands	Thous- ands	1,000 pounds	1,000 pounds	Cents	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Maine.....	4,134	358	3,776	413	3,752	18,749	18,760	29.5	5,531	5,534	606	6,140
New Hampshire.....	4,052	381	3,671	427	278	18,999	2,054	30.6	5,814	5,814	383	6,197
Vermont.....	1,565	158	1,407	243	269	1,381	1,372	30.5	2,263	2,274	418	2,682
Massachusetts.....	7,112	825	6,287	1,268	780	6,775	3,744	32.8	10,802	11,778	1,228	13,006
Rhode Island.....	749	87	662	110	107	665	3,423	31.6	1,082	1,114	152	1,266
Connecticut.....	4,574	509	4,065	857	553	4,090	20,965	32.8	6,745	6,857	871	7,728
New York.....	20,119	2,521	17,598	1,639	1,639	16,760	55,152	33.1	28,457	27,719	4,638	33,356
New Jersey.....	2,031	1,031	1,000	1,000	1,000	14,818	57,682	33.0	13,367	17,719	1,638	19,356
Pennsylvania.....	35,710	5,068	30,642	2,554	4,165	23,041	144,850	32.2	46,642	43,951	6,571	50,522
North Atlantic.....	92,029	11,821	80,208	8,191	10,531	77,868	396,393	32.6	126,035	122,407	16,684	139,091
Ohio.....	30,491	4,028	26,463	2,712	6,817	22,358	123,013	29.6	36,658	31,315	9,141	40,456
Indiana.....	31,488	3,314	28,174	1,953	5,801	24,366	128,937	26.7	34,426	30,502	6,350	36,852
Illinois.....	36,886	4,379	32,507	2,708	7,393	27,822	149,825	28.5	32,700	37,267	9,060	46,327
Michigan.....	22,608	3,131	19,477	1,048	3,131	17,902	81,673	26.9	20,263	23,863	5,757	29,620
Wisconsin.....	21,666	5,423	16,243	7,048	4,889	14,402	75,935	26.9	21,234	16,659	5,757	22,446
East North Central.....	142,639	17,576	125,063	10,428	28,701	106,790	573,187	28.1	161,281	139,638	35,412	175,050
Minnesota.....	42,382	4,871	37,511	1,521	5,708	33,324	165,049	25.1	41,427	36,803	6,304	43,107
Iowa.....	53,633	6,407	47,226	2,567	7,996	42,197	223,646	26.0	62,621	56,713	9,358	66,071
Missouri.....	35,614	3,739	31,875	3,377	7,926	27,426	130,019	26.0	53,805	30,662	6,918	37,580
North Dakota.....	9,676	1,161	8,515	432	2,159	7,148	38,726	22.6	9,139	14,629	2,068	17,198
South Dakota.....	18,164	1,811	16,353	1,431	2,534	14,822	73,896	24.8	17,463	14,613	2,850	19,463
Nebraska.....	29,725	3,071	26,654	1,425	5,534	22,543	113,402	24.3	27,557	24,103	4,977	29,080
Kansas.....	28,279	3,377	24,902	2,272	7,082	20,092	99,631	24.1	24,011	20,337	5,974	26,311
West North Central.....	215,259	24,320	190,939	12,388	38,231	165,096	835,122	25.8	215,239	191,223	38,138	229,361

Delaware.....	2,235	282	1,953	265	356	1,862	8,433	1,566	8,007	30.0	2,530	2,402	470	2,872
Maryland.....	7,513	891	6,622	1,431	1,087	3,366	27,909	6,748	23,074	30.7	8,886	7,084	2,072	9,168
Virginia.....	14,197	2,025	12,172	1,915	9,135	3,750	28,453	28,555	27,938	30.8	17,501	17,051	2,499	17,664
West Virginia.....	1,417	143	1,274	1,012	9,785	3,750	28,453	28,555	27,938	30.8	17,501	17,051	2,499	17,664
North Carolina.....	21,353	2,948	19,405	1,112	10,462	71,694	33,269	42,804	42,804	28.8	20,622	12,335	9,581	21,984
South Carolina.....	9,714	1,101	8,613	7,779	6,358	3,046	29,775	20,981	21,879	33.3	10,511	4,193	7,406	11,599
Georgia.....	14,997	1,825	13,172	883	7,979	6,076	45,267	25,533	23,089	32.3	7,227	7,092	7,992	15,219
Florida.....	4,912	775	4,137	659	1,467	3,329	13,747	4,401	11,652	37.3	5,128	4,346	1,442	5,988
South Atlantic.....	81,004	9,849	71,245	5,558	36,695	40,108	265,374	124,106	103,581	31.0	82,532	50,767	38,946	89,613
Kentucky.....	20,528	2,429	18,099	1,026	8,496	11,229	71,990	29,738	40,408	25.3	18,213	12,500	7,523	20,023
Tennessee.....	15,162	1,693	13,469	1,146	7,417	7,227	48,273	20,768	29,740	28.7	12,419	7,574	4,900	13,624
Mississippi.....	15,733	1,304	14,429	1,559	5,366	9,802	46,360	15,648	33,633	28.5	13,213	9,585	3,660	14,045
Arkansas.....	13,707	1,288	12,419	1,352	4,208	9,505	44,649	12,618	37,304	25.1	11,207	9,363	3,167	12,830
Louisiana.....	9,029	1,121	7,908	876	4,796	3,988	29,570	17,745	15,154	34.5	10,202	5,228	6,122	11,350
Oklahoma.....	21,046	2,597	18,451	2,339	6,511	14,279	65,013	20,835	52,832	23.6	15,343	12,468	4,917	17,385
Texas.....	40,437	7,083	32,754	5,746	12,015	26,485	111,006	37,246	95,346	25.1	28,088	23,832	9,349	33,281
South Central.....	133,847	20,068	133,789	14,932	95,356	92,335	474,033	179,409	351,031	25.9	124,065	90,944	47,726	138,670
Montana.....	3,829	485	3,344	136	1,231	2,249	14,010	4,924	9,071	28.7	4,021	2,778	1,413	4,189
Idaho.....	3,737	403	3,334	224	1,101	2,537	13,466	4,294	9,172	25.9	3,488	2,625	1,112	3,737
Wyoming.....	1,304	162	1,142	32	473	701	4,560	1,750	2,810	26.6	1,213	783	1,466	1,249
Colorado.....	6,334	791	5,543	632	1,733	4,442	21,825	6,585	17,768	25.6	5,587	4,549	1,096	6,235
New Mexico.....	1,886	250	1,636	191	711	1,116	5,953	2,346	4,352	24.6	1,464	1,071	577	1,648
Arizona.....	984	167	817	91	347	561	2,919	1,180	2,076	31.7	925	658	374	1,032
Utah.....	4,367	620	3,747	232	483	3,466	13,248	1,497	12,586	23.4	3,100	2,945	350	3,295
Nevada.....	4,379	61	3,318	20	112	226	1,145	403	814	25.4	291	207	102	309
Washington.....	8,206	968	7,238	508	2,030	5,696	27,947	7,714	22,214	27.4	7,657	6,087	2,114	8,201
Oregon.....	4,822	848	3,974	368	1,420	3,122	17,202	5,964	13,737	27.1	4,662	3,723	1,016	5,639
California.....	25,086	3,870	21,216	1,631	3,047	19,860	68,196	10,656	63,560	25.9	20,391	18,945	3,066	21,851
Western.....	60,934	8,745	52,189	4,265	12,688	43,765	190,471	46,712	159,657	27.8	52,799	44,369	12,816	57,185
United States.....	745,802	92,369	653,403	55,762	183,202	525,963	2,724,580	676,018	2,287,035	28.0	761,951	639,348	189,022	828,970

\* Does not include commercial broiler production.

\* Total chicks hatched, less death loss of chicks and young chickens during the year.

\* Chickens raised, less death loss during the year of mature chickens on hand Jan. 1.

\* Chickens raised, less death loss during the year of mature chickens on hand Jan. 1.

\* Change in Jan. 1 inventory numbers during the year.

\* Chickens consumed in households of farm producers.

\* Value of sales, plus value of those consumed in households of producers.

Bureau of Agricultural Economics.

TABLE 557.—Chickens: Farm production, disposition, cash receipts, and gross income, by States, 1947<sup>1</sup>

State and division	Number										Farm price per pound	Value of chickens produced	Cash receipts (sales)	Value of chickens consumed *	Gross income †
	Raised ‡	Loss of mature birds §	Pro-duced ¶	Change in inventory *		Con-sumed *	Pro-duced	Pounds		Sold					
				In-crease	De-crease			Con-sumed *	Pro-duced						
	Thou-sands	Thou-sands	Thou-sands	Thou-sands	Thou-sands	Thou-sands	1,000 pounds	1,000 pounds	Cents	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars		
Maine	4,754	351	4,403	117	—	424	3,862	22,725	20,082	30.4	6,908	6,105	619	6,347	
New Hampshire	4,457	352	4,105	30	—	247	3,828	20,426	1,136	31.3	6,393	5,991	356	6,347	
Vermont	1,722	136	1,586	26	—	242	1,318	8,247	1,258	31.1	2,565	2,132	391	2,523	
Massachusetts	8,179	711	7,468	129	—	718	6,621	37,943	3,518	32.4	12,294	10,941	1,350	12,081	
Rhode Island	839	79	760	—	—	96	664	4,017	3,586	32.6	1,319	1,169	150	1,319	
Connecticut	5,077	466	4,611	32	—	492	4,037	23,369	2,302	32.6	7,618	6,795	770	7,595	
New York	21,729	2,147	19,582	—	—	2,596	15,035	95,932	12,720	33.0	31,664	25,379	4,988	29,577	
New Jersey	4,144	2,136	11,878	11	—	10,014	33,342	4,479	49,113	34.3	18,369	16,846	1,536	18,382	
Pennsylvania	33,353	3,063	30,290	—	—	3,832	27,003	143,771	129,614	32.4	47,231	41,995	6,084	48,079	
North Atlantic	96,124	11,441	84,683	1,091	—	9,600	73,992	412,126	46,746	32.6	134,391	117,353	15,244	132,597	
Ohio	29,576	3,344	26,232	—	—	6,203	20,531	122,671	28,534	29.2	35,820	28,259	8,332	36,591	
Indiana	32,748	3,161	29,587	—	—	593	23,998	132,724	110,253	26.6	35,305	29,327	5,987	35,314	
Illinois	36,148	4,380	31,768	—	—	772	25,591	140,010	29,881	26.8	38,605	31,540	8,008	39,557	
Michigan	19,676	2,333	17,343	—	—	395	3,515	14,203	16,614	28.6	23,312	19,092	4,752	23,844	
Wisconsin	22,533	3,235	19,298	—	—	265	4,351	18,176	18,709	25.5	21,541	17,668	4,771	21,839	
East North Central	140,681	16,453	124,228	—	—	2,072	99,565	515,432	116,246	27.3	154,583	123,295	31,850	157,145	
Minnesota	41,534	4,628	36,906	—	—	5,537	31,941	162,386	24,363	20.8	33,776	29,232	5,068	34,300	
Iowa	54,169	5,971	48,198	—	—	821	29,342	148,015	29,195	21.9	51,574	47,608	7,908	55,516	
Missouri	39,175	3,296	35,909	—	—	423	28,428	148,085	27,664	23.8	35,244	29,063	6,584	35,677	
North Dakota	8,902	1,063	7,839	—	—	238	6,112	35,063	8,056	20.7	7,352	5,946	1,668	7,614	
South Dakota	16,588	1,811	14,777	—	—	223	2,766	12,014	11,341	21.1	14,051	11,680	2,333	14,073	
Nebraska	28,536	2,815	25,721	—	—	796	20,700	107,146	21,301	21.5	23,068	19,193	4,580	23,747	
Kansas	27,148	2,968	24,180	—	—	946	18,611	95,880	23,454	22.2	21,285	16,940	5,207	22,173	
West North Central	216,052	22,522	193,530	—	—	3,819	156,385	844,913	149,267	22.4	189,348	159,692	33,408	193,100	

Delaware.....	2,369	2,128	23	338	1,813	8,938	1,420	7,615	30.5	2,726	2,323	433	2,756
Maryland.....	7,288	6,430	135	658	1,620	27,164	6,480	21,294	31.8	6,762	6,033	2,081	8,823
Virginia.....	13,455	11,715	282	6,651	5,346	23,278	23,278	23,278	29.9	13,622	7,033	2,986	13,993
West Virginia.....	5,250	4,608	326	2,991	19,692	7,966	13,160	33.1	3.961	19,316	11,094	9,467	6,359
North Carolina.....	20,100	17,920	1,579	9,491	10,008	67,777	33,218	13,053	28.5	19,316	11,094	9,467	21,161
South Carolina.....	9,423	1,066	425	6,358	2,424	28,577	20,981	9,211	33.2	9,488	3,058	6,966	10,024
Georgia.....	14,237	12,396	617	7,181	5,832	42,274	22,979	21,578	30.8	13,020	6,946	7,078	13,724
Florida.....	4,765	4,049	43	1,306	2,786	13,912	4,310	9,751	39.2	5,453	3,822	1,060	5,312
South Atlantic.....	75,897	67,603	3,430	34,888	36,145	253,892	130,632	147,134	30.8	78,190	45,290	37,053	82,332
Kentucky.....	20,528	2,017	184	8,496	10,199	72,801	29,736	43,856	25.1	18,273	11,008	7,464	18,472
Tennessee.....	17,665	1,845	515	6,692	9,635	61,057	22,753	40,467	25.4	15,508	10,279	5,779	16,036
Alabama.....	14,404	1,362	539	7,417	6,144	40,946	20,768	20,118	29.2	11,956	6,458	6,064	12,522
Mississippi.....	14,474	1,332	308	5,288	8,222	40,407	15,335	25,310	30.2	12,221	7,946	4,031	12,577
Arkansas.....	13,707	1,098	536	4,060	9,005	43,797	12,240	33,540	25.6	11,037	8,432	3,084	11,536
Louisiana.....	9,029	2,010	494	4,556	4,057	29,385	10,402	15,011	25.6	10,828	5,494	6,003	11,457
Illinois.....	2,409	17,436	73	6,316	1,353	34,149	20,143	14,006	22.9	4,368	4,419	4,517	14,459
Kansas.....	40,437	34,018	826	11,414	23,498	114,467	35,583	82,005	24.9	28,510	20,419	8,810	29,229
Texas.....	150,442	17,383	3,335	54,259	82,335	467,099	172,828	307,322	26.0	122,722	79,959	46,382	126,341
South Central.....	3,714	414	173	1,263	2,180	13,874	5,043	9,592	28.3	3,926	2,715	1,427	4,142
Montana.....	4,036	504	68	1,167	2,433	14,368	4,435	10,219	26.3	3,779	2,688	1,166	3,854
Idaho.....	1,239	150	43	501	625	4,448	2,004	2,625	30.5	1,357	801	611	1,412
Wyoming.....	6,524	671	39	1,768	4,124	21,888	6,365	13,671	26.9	5,898	4,215	1,712	5,927
Colorado.....	2,032	1,890	31	818	1,068	6,578	2,539	4,267	34.0	1,603	1,569	457	1,022
New Mexico.....	1,291	1,890	63	439	1,068	1,068	1,515	12,955	27.2	3,520	3,418	412	3,830
Utah.....	4,716	667	439	3,590	1,068	1,068	1,515	12,955	27.2	3,520	3,418	412	3,830
Nevada.....	406	67	106	233	1,303	371	932	28.0	3.265	2.265	2.265	104	3.265
Washington.....	9,355	902	177	2,050	6,580	31,481	7,790	24,346	29.1	9,161	7,065	2,267	9,352
Oregon.....	5,401	763	1	1,306	3,333	20,146	5,435	14,665	27.8	5,601	4,077	1,525	5,602
California.....	26,591	3,373	699	3,169	19,350	78,942	10,775	65,790	32.4	25,577	21,316	3,491	24,807
Western.....	65,205	7,942	230	13,036	43,997	210,485	47,676	162,355	29.7	62,191	48,108	13,781	61,949
United States.....	745,401	85,035	11,465	495,419	2,753,127	633,305	2,140,784	741,425	26.8	741,425	575,766	177,718	753,484

<sup>1</sup> Does not include commercial broiler production.

<sup>2</sup> Total chicks hatched, less death loss of chicks and young chickens during the year.

<sup>3</sup> Death loss during the year of mature chickens on hand Jan. 1.

<sup>4</sup> Chickens raised, less death loss during the year of mature chickens on hand Jan. 1.

<sup>5</sup> Change in Jan. 1 inventory numbers during the year.

<sup>6</sup> Chickens consumed in households of farm producers.

<sup>7</sup> Value of sales, plus value of those consumed in households of producers.

Bureau of Agricultural Economics.

TABLE 558.—*Chickens: Farm production, disposition, cash receipts, and gross income, United States, 1930-47*

Year	Number						Pounds *		Farm price per pound	Value of chickens produced	Cash receipts (sales)	Value of chickens consumed *	Gross income †	
	Raised ‡	Loss of mature birds §	Pro-duced *	Change in Inventory *		Con-sumed *	Sold	Pro-duced						Con-sumed *
				Increase	Decrease									
1930.....	Thousands 776,971	Thousands 62,391	Thousands 714,580	Thousands 18,748	Thousands 18,748	Thousands 244,127	Thousands 489,001	1,000 lb. 2,647,373	1,000 lb. 1,513,540	Cents 18 1/4	1,000 dol. 333,688	1,000 dol. 1,000 dol.	1,000 dol. 494,444	
1931.....	776,425	62,846	646,579	7,708	12,928	246,631	418,260	2,647,373	877,686	18 1/4	333,688	129,116	517,845	
1932.....	735,510	62,801	672,610	7,708	12,928	246,631	418,260	2,583,425	944,597	17 1/8	296,968	104,010	293,420	
1933.....	750,060	65,161	684,929	.....	10,586	254,388	441,127	2,620,924	971,762	17 1/8	296,968	189,410	247,404	
1934.....	644,424	66,102	578,322	.....	43,979	218,990	403,311	2,620,924	971,762	17 1/8	296,968	189,410	247,404	
1935.....	658,344	66,102	578,322	.....	43,979	218,990	403,311	2,189,191	838,732	11 3/4	160,584	88,444	259,216	
1936.....	685,344	60,575	597,769	.....	.....	215,795	385,485	2,292,047	846,741	11 3/4	170,772	116,429	323,790	
1937.....	715,034	64,426	650,608	.....	20,475	235,144	394,989	2,409,852	797,534	14 9/16	207,361	146,429	323,790	
1938.....	601,147	68,457	532,690	.....	.....	235,144	394,989	2,409,852	797,534	15 1/8	239,181	134,416	373,597	
1939.....	680,685	67,478	583,207	.....	34,297	215,067	381,810	2,042,069	762,407	15 1/8	232,269	129,145	353,971	
1940.....	696,655	75,592	621,063	.....	19,097	227,810	326,430	2,185,049	787,466	15 1/4	336,689	125,068	320,283	
1941.....	633,705	78,142	555,563	.....	15,447	201,164	369,846	2,337,980	779,311	13 5/8	219,922	106,397	309,657	
1942.....	744,956	80,841	664,115	54,094	.....	197,699	412,322	2,586,468	699,415	13 1/2	283,740	92,301	291,736	
1943.....	844,276	92,433	751,843	65,112	.....	193,688	463,043	3,004,727	689,036	15 1/8	401,838	108,303	372,075	
1944.....	1,001,392	107,192	874,200	40,150	.....	190,620	682,937	3,679,476	678,219	16 1/8	568,699	129,116	862,828	
1945.....	852,063	107,192	724,871	13,708	65,700	178,670	611,901	3,009,026	643,554	15 1/8	696,214	166,614	902,439	
1946.....	914,763	91,341	823,452	.....	.....	188,331	621,415	3,416,783	688,435	28 1/2	894,181	185,490	878,350	
1947.....	745,802	92,399	653,403	.....	55,762	183,202	470,213	2,724,580	676,018	28 1/2	793,951	189,622	828,970	
1948.....	745,401	85,036	660,366	.....	11,465	176,412	495,419	2,735,127	635,395	28 1/2	575,766	177,718	735,484	

\* Does not include commercial broiler production.

† Total chicks hatched, less death loss of chicks and young chickens during the year.

‡ Death loss during the year of mature chickens on hand Jan. 1.

§ Chickens raised, less death loss during the year of mature chickens on hand Jan. 1.

\* Change in Jan. 1 inventory numbers during the year.

† Chickens consumed in households of farm producers.

‡ Value of sales, plus value of those consumed in households of producers.

§ Bureau of Agricultural Economics. Data for 1909-29 in Agricultural Statistics 1942, table 646.



TABLE 559.—*Chickens: Sales and average live weight of farm chickens sold, United States, 1938-47*<sup>1</sup>

Year	Chickens sold			Average live weight		Pounds of chicken sold	
	Total	Young	Mature	Young	Mature	Young	Mature
	Thousands	Thousands	Thousands	Pounds	Pounds	1,000 pounds	1,000 pounds
1938.....	326,480	207,293	119,137	3.4	4.9	695,936	585,599
1939.....	376,583	240,325	136,258	3.3	5.0	804,956	676,250
1940.....	369,846	185,415	184,431	3.3	4.9	611,986	896,119
1941.....	412,322	246,835	165,487	3.4	5.1	836,471	836,081
1942.....	493,043	295,728	197,315	3.5	5.1	1,034,390	1,012,076
1943.....	682,937	411,504	271,433	3.5	5.1	1,441,980	1,394,155
1944.....	611,901	299,155	312,746	3.6	5.1	1,063,306	1,581,771
1945.....	621,415	338,334	283,081	3.6	5.1	1,224,203	1,446,022
1946.....	525,963	275,560	250,403	3.6	5.2	992,352	1,294,683
1947.....	495,419	282,748	212,671	3.7	5.2	1,036,063	1,110,721

<sup>1</sup> Does not include commercial broiler production.

Bureau of Agricultural Economics.

TABLE 560.—*Commercial broiler production and gross income, United States, 1934-47*<sup>1</sup>

Year	Production		Price per pound	Gross income <sup>2</sup>	Year	Production		Price per pound	Gross income <sup>2</sup>
	Number	Weight				Number	Weight		
	Thousands	1,000 lb.	Cents	1,000 dol.		Thousands	1,000 lb.	Cents	1,000 dol.
1934.....	34,030	96,662	19.3	18,694	1941.....	191,502	559,605	18.4	103,111
1935.....	42,890	122,884	20.1	24,651	1942.....	228,187	674,087	22.9	154,650
1936.....	53,155	152,447	20.7	31,493	1943.....	285,293	852,837	28.6	238,262
1937.....	67,915	195,916	21.4	41,876	1944.....	264,999	790,346	28.7	227,104
1938.....	82,420	239,508	19.0	45,609	1945.....	345,598	1,044,322	29.5	308,521
1939.....	105,630	306,272	17.0	52,059	1946.....	275,600	828,607	32.6	270,015
1940.....	142,762	414,074	17.3	71,729	1947.....	283,091	849,715	32.1	272,788

<sup>1</sup> By commercial broiler is meant young chickens of the heavy breeds, to be marketed at from 2 to 4 pounds live weight and from which no pullets are kept for egg production. These figures are not included in farm production of chickens.<sup>2</sup> Includes value of consumption in households of producers, which is less than 1 percent of total production.

Bureau of Agricultural Economics.

TABLE 561.—Commercial broiler production, and gross income, by States, 1946 and 1947<sup>1</sup>

State and division	1946				1947			
	Production		Price per pound	Gross income <sup>2</sup>	Production		Price per pound	Gross income <sup>2</sup>
	Number	Weight			Number	Weight		
	Thousands	1,000 lb.	Cents	1,000 dol.	Thousands	1,000 lb.	Cents	1,000 dol.
Maine.....	871	3,310	33.5	1,109	827	3,143	29.0	911
New Hampshire.....	2,245	7,633	33.0	2,519	2,245	7,633	28.5	2,175
Vermont.....	416	1,414	34.0	481	312	1,030	30.0	309
Massachusetts.....	4,464	16,070	33.5	5,383	4,152	14,117	32.0	4,517
Rhode Island.....	448	1,568	33.2	521	403	1,410	33.0	465
Connecticut.....	6,732	22,889	34.0	7,782	5,974	20,142	33.5	6,748
New York.....	6,394	19,821	35.0	6,937	5,435	16,305	34.0	5,544
New Jersey.....	3,990	13,167	34.0	4,477	3,631	11,619	33.0	3,834
Pennsylvania.....	5,902	21,247	33.0	7,012	6,079	20,669	32.5	6,717
North Atlantic.....	31,462	107,119	33.8	36,221	29,008	96,068	32.5	31,220
Ohio.....	4,653	14,424	33.0	4,760	3,257	10,422	33.0	3,439
Indiana.....	6,704	20,782	32.0	6,650	7,039	22,525	33.9	7,636
Illinois.....	5,910	17,139	35.0	5,999	7,092	19,858	33.5	6,652
Michigan.....	1,104	3,312	32.0	1,060	1,104	3,533	34.0	1,201
Wisconsin.....	3,960	11,880	36.0	4,277	3,683	11,049	35.0	3,867
East North Central.....	22,331	67,537	33.7	22,746	22,175	67,387	33.8	22,795
Minnesota.....	1,398	4,194	36.0	1,510	1,258	3,774	35.0	1,321
Iowa.....	2,805	9,256	32.0	2,962	2,609	8,871	29.0	2,573
Missouri.....	2,481	7,691	31.8	2,446	2,258	6,774	32.0	2,168
Kansas.....	757	1,892	30.2	571	795	2,146	28.5	612
West North Central.....	7,441	23,033	32.5	7,489	6,920	21,565	30.9	6,674
Delaware.....	54,675	169,492	30.3	51,356	52,488	162,713	30.3	49,302
Maryland.....	31,122	99,590	30.1	29,977	31,744	101,581	29.7	30,170
Virginia.....	21,889	65,667	33.5	21,998	23,640	79,920	30.5	21,631
West Virginia.....	6,753	22,285	31.5	7,020	8,441	27,011	32.0	8,644
North Carolina.....	14,711	42,662	32.3	13,780	16,182	45,310	32.9	14,907
South Carolina.....	3,600	9,360	39.0	3,650	3,348	8,705	37.0	3,221
Georgia.....	22,435	60,574	33.3	20,171	28,717	77,536	31.2	24,191
Florida.....	5,462	14,747	42.0	6,194	5,735	15,484	42.0	6,503
South Atlantic.....	160,647	484,377	31.8	154,146	170,295	509,260	31.1	158,569
Kentucky.....	1,211	3,391	32.0	1,085	1,070	3,270	31.0	1,014
Tennessee.....	1,800	4,860	37.8	1,837	1,854	4,820	38.6	1,861
Alabama.....	4,568	10,963	38.0	4,166	4,796	11,510	38.0	4,374
Mississippi.....	1,753	4,733	33.0	1,562	2,331	6,760	34.0	2,298
Arkansas.....	16,450	46,060	32.0	14,739	15,628	45,321	31.8	14,412
Louisiana.....	1,309	3,011	39.0	1,174	1,244	3,234	41.0	1,326
Oklahoma.....	800	1,840	33.0	607	704	2,112	34.0	718
Texas.....	12,474	28,690	33.0	9,468	10,603	26,508	33.0	8,748
South Central.....	40,365	103,548	33.5	34,638	38,250	103,535	33.6	34,751
Arizona.....	517	1,450	39.0	566	450	1,260	41.0	517
Washington.....	1,792	5,197	35.0	1,819	1,792	5,197	36.0	1,871
Oregon.....	1,022	3,270	35.0	1,144	971	3,107	37.0	1,150
California.....	10,023	33,076	34.0	11,246	13,230	42,336	36.0	15,241
Western.....	13,354	42,993	34.4	14,775	16,443	51,900	36.2	18,779
United States.....	275,600	828,607	32.6	270,015	283,091	849,715	32.1	272,788

<sup>1</sup> By commercial broiler is meant young chickens of the heavy breeds, to be marketed at from 2 to 4 pounds live weight and from which no pullets are kept for egg production. These figures are not included in farm production of chickens.

<sup>2</sup> Includes value of consumption in households of producers, which is less than 1 percent of total production.

Bureau of Agricultural Economics.

TABLE 562.—*Chicks hatched by commercial hatcheries, average price of baby chicks, and value of chick production, by States, 1946 and 1947*

State and division	Chicks hatched		Average price of baby chicks per 100 <sup>1</sup>		Value of chick production	
	1946	1947	1946	1947	1946	1947
	<i>Thousands</i>	<i>Thousands</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Maine.....	6,385	7,420	17.90	19.30	1,143	1,432
New Hampshire.....	25,294	24,755	16.70	17.80	4,224	4,406
Vermont.....	1,449	1,742	17.20	18.90	249	329
Massachusetts.....	20,801	23,090	19.00	20.20	3,952	4,664
Rhode Island.....	2,420	2,560	21.10	22.00	511	563
Connecticut.....	21,418	28,480	20.00	21.20	4,884	6,038
New England.....	80,767	88,047	18.50	19.80	14,963	17,432
New York.....	22,546	23,350	19.10	20.20	4,306	4,717
New Jersey.....	30,475	28,253	17.60	18.90	5,364	5,340
Pennsylvania.....	61,970	60,620	14.90	16.70	9,234	10,124
Middle Atlantic.....	114,991	112,223	16.40	18.00	18,904	20,181
Ohio.....	59,500	54,500	16.30	16.80	9,698	9,156
Indiana.....	92,690	91,000	14.60	15.70	13,533	14,257
Illinois.....	96,031	102,500	14.60	15.40	14,021	15,785
Michigan.....	27,000	25,500	17.80	18.30	4,806	4,666
Wisconsin.....	24,100	23,326	18.60	20.10	4,483	4,689
East North Central.....	299,321	296,826	15.50	16.40	46,541	48,583
Minnesota.....	62,256	63,501	17.80	19.40	11,082	12,319
Iowa.....	87,075	91,440	15.80	15.90	13,758	14,539
Missouri.....	92,000	84,000	12.80	13.40	11,776	11,256
North Dakota.....	5,858	6,300	15.50	16.40	908	1,033
South Dakota.....	16,500	17,850	14.80	16.10	2,442	2,874
Nebraska.....	30,156	31,078	14.00	14.70	4,222	4,568
Kansas.....	37,600	36,800	13.80	14.00	5,189	5,152
West North Central.....	331,445	330,969	14.90	15.60	49,377	51,741
Delaware.....	29,350	34,131	17.50	18.00	5,136	6,144
Maryland.....	51,905	48,974	14.60	15.20	7,578	7,444
Virginia.....	35,079	36,913	14.50	14.70	5,086	5,426
West Virginia.....	5,146	5,713	16.10	16.30	829	931
North Carolina.....	35,160	35,640	14.60	14.40	5,133	5,152
South Carolina.....	7,430	6,740	12.90	12.70	958	856
Georgia.....	36,875	45,250	13.60	12.70	5,015	5,747
Florida.....	12,800	13,000	14.80	16.50	1,894	2,145
South Atlantic.....	213,745	226,361	14.80	14.90	31,629	33,825
Kentucky.....	10,979	11,483	13.30	14.20	1,460	1,631
Tennessee.....	11,660	11,898	14.10	14.30	1,644	1,701
Alabama.....	10,290	9,220	13.70	13.80	1,410	1,272
Mississippi.....	6,200	5,630	13.00	13.80	806	777
Arkansas.....	10,000	8,177	13.00	13.10	1,300	1,071
Louisiana.....	4,983	5,100	14.70	14.10	733	719
Oklahoma.....	26,000	24,600	13.30	13.50	3,458	3,321
Texas.....	52,000	54,700	13.30	14.00	6,916	7,638
South Central.....	132,112	130,808	13.40	13.90	17,727	18,150
Montana.....	1,679	2,013	17.50	17.20	294	346
Idaho.....	3,135	3,096	19.30	19.50	605	604
Wyoming.....	483	471	15.80	14.40	72	68
Colorado.....	4,280	5,611	14.80	15.60	633	875
New Mexico.....	1,101	1,945	15.60	14.30	172	135
Arizona.....	1,187	1,328	18.70	19.50	222	259
Utah.....	2,400	1,875	26.30	26.30	631	493
Nevada.....	89	92	19.40	21.70	17	20
Mountain.....	14,324	15,431	18.50	18.10	2,646	2,800
Washington.....	12,660	15,775	22.70	24.60	2,874	3,881
Oregon.....	6,200	7,500	21.10	22.20	1,308	1,665
California.....	59,973	64,394	20.50	20.70	12,294	13,330
Pacific.....	78,833	87,669	20.90	21.50	16,478	18,876
United States.....	1,265,838	1,288,334	15.70	16.40	198,263	211,588

<sup>1</sup> Season average to May 1.

Bureau of Agricultural Economics.

816939-49-29

TABLE 563.—*Chicks hatched by commercial hatcheries, average price of baby chicks, and value of chick production, United States, 1930-47*

Year	Chicks hatched <sup>1</sup>	Average price of baby chicks per 100 <sup>2</sup>	Value of chick production	Year	Chicks hatched <sup>1</sup>	Average price of baby chicks per 100 <sup>2</sup>	Value of chick production
	Thousands	Dollars	1,000 dollars		Thousands	Dollars	1,000 dollars
1930.....	671,576	12.41	83,343	1939.....	916,404	8.83	80,918
1931.....	516,220	10.29	53,119	1940.....	859,341	8.70	74,763
1932.....	537,351	8.07	43,364	1941.....	1,093,300	9.01	98,506
1933.....	584,547	7.34	42,906	1942.....	1,280,290	11.33	145,057
1934.....	525,947	8.06	42,391	1943.....	1,609,121	13.90	223,076
1935.....	649,720	8.62	56,006	1944.....	1,288,491	15.00	192,708
1936.....	790,749	9.00	71,167	1945.....	1,620,773	15.50	251,675
1937.....	687,595	8.80	60,508	1946.....	1,265,538	15.70	198,263
1938.....	785,687	8.95	70,319	1947.....	1,288,334	16.40	211,588

<sup>1</sup> In recent years, about 68 percent of the eggs set produced chicks.<sup>2</sup> Season average to May 1.

Bureau of Agricultural Economics.

TABLE 564.—*Poultry-feed price ratios, and poultry ration costs, United States, average 1937-46, annual 1938-47 and by geographic divisions, 1946 and 1947*

Year	Ratios <sup>1</sup>				Division	Ratios <sup>1</sup>								Poultry ration costs per 100 lb. <sup>2</sup>	
	Egg-feed		Chicken-feed	Turkey-feed		Egg-feed		Chicken-feed		Turkey-feed					
	Lb.	Lb.	Lb.	Dol.		1946	1947	1946	1947	1946	1947	1946	1947	1946	1947
1937-46 average.....	12.6	8.5	9.9	2.30	New England.....	12.2	13.0	7.6	6.8	9.5	8.3	4.15	4.78		
1938.....	14.1	9.8	10.9	1.54	Middle Atlantic.....	12.4	12.7	8.4	7.5	11.0	9.2	3.82	4.44		
1939.....	11.9	8.8	10.4	1.54	East North Central.....	10.9	10.8	8.0	6.8	10.3	8.2	3.35	4.12		
1940.....	11.5	7.8	8.4	1.68	West North Central.....	10.9	10.2	7.8	6.0	10.8	8.2	3.04	3.82		
1941.....	13.5	8.5	9.2	1.89	South Atlantic.....	11.1	11.2	7.7	6.7	9.4	8.1	4.04	4.60		
1942.....	14.2	8.5	9.8	2.21	East South Central.....	10.6	10.4	7.0	6.2	9.0	7.8	3.76	4.35		
1943.....	14.5	9.1	11.1	2.66	West South Central.....	10.6	10.6	7.2	6.2	8.5	6.6	3.52	4.10		
1944.....	11.5	8.2	10.8	2.94	Mountain.....	12.7	12.0	7.6	6.7	10.2	8.3	3.30	4.05		
1945.....	13.4	8.9	10.5	2.91	Pacific.....	12.6	12.4	7.8	6.9	8.9	6.7	3.70	4.45		
1946.....	11.3	7.7	9.7	3.47	United States.....	11.3	11.1	7.7	6.5	9.7	7.7	3.47	4.17		
1947.....	11.1	6.5	7.7	4.17											

<sup>1</sup> Number of pounds of poultry ration equivalent in value at local market prices to 1 dozen eggs, or 1 pound of chicken or turkey, live weight. Simple average of monthly ratios.<sup>2</sup> Simple average of monthly ration costs.

Bureau of Agricultural Economics.

TABLE 565.—*Poultry, live: Receipts at 5 markets, by rail and truck, 1938-47*

Year	New York			Chicago			San Francisco		
	Rail	Truck <sup>1</sup>	Total	Rail	Truck <sup>1</sup>	Total	Rail	Truck <sup>1</sup>	Total
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
1938.....	49,824	93,520	143,344	8,932	49,770	58,702	1,027	15,049	16,076
1939.....	42,432	79,936	122,368	8,386	57,064	65,450	735	16,588	17,323
1940.....	39,600	86,960	126,560	5,642	58,506	64,148	417	16,969	17,086
1941.....	26,480	86,016	112,496	4,802	59,892	64,694	252	15,993	16,245
1942.....	25,120	94,624	119,744	7,210	58,156	65,366	88	14,739	14,827
1943.....	24,838	117,874	142,712	11,497	33,327	44,824	2,215	10,462	12,677
1944.....	18,956	114,076	133,032	14,437	35,912	50,349	1,485	12,691	14,176
1945.....	16,031	90,788	106,819	11,689	25,688	37,377	530	12,120	12,650
1946.....	18,535	133,532	152,067	9,541	38,813	48,354	971	16,019	16,990
1947.....	9,464	120,410	135,874	5,162	44,514	49,676	762	16,924	17,686

Year	Philadelphia			Boston		
	Rail	Truck <sup>1</sup>	Total	Rail	Truck <sup>1</sup>	Total
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
1944.....	1,387	36,409	37,796	2,251	11,014	13,265
1945.....	729	31,277	32,006	432	8,273	8,705
1946.....	981	31,298	32,279	355	9,380	9,735
1947.....	954	33,427	34,381	401	7,884	8,285

<sup>1</sup> Truck receipts do not include all truck arrivals, as it is impossible to obtain reports from all receivers.

Production and Marketing Administration.

TABLE 566.—*Poultry, live: Wholesale price per pound, Chicago, 1938-47*

Year	Roasters				Broilers		Fowl		
	Heavy <sup>1</sup>		Light or fryers <sup>2</sup>		White Rock	Colored	Heavy	Medium	Leghorn
	White Rock	Colored	White Rock	Colored					
	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
1938.....	20.4	18.6	19.4	17.7	19.2	18.1	18.4	18.3	14.9
1939.....	18.5	16.5	17.4	15.7	17.4	16.0	15.5	15.2	12.4
1940.....	19.9	17.2	18.4	16.4	18.5	16.6	15.1	5.0	11.9
1941.....	20.2	18.6	19.3	17.9	19.1	18.1	18.7	19.0	15.5
1942.....	25.6	24.1	24.8	22.7	24.1	23.0	21.5	22.5	18.7
1943.....	28.3	27.8	27.3	26.9	26.9	26.4	24.4	24.4	23.1
1944.....	<i>28.6</i>	<i>28.6</i>	<i>27.8</i>	<i>27.8</i>	<i>28.2</i>	<i>28.2</i>	<i>25.2</i>	<i>25.2</i>	<i>23.6</i>
1945.....	28.5	28.5	27.6	27.6	27.6	27.6	26.3	26.3	25.5
1946.....	<i>32.7</i>	<i>32.7</i>	32.8	32.8	32.7	32.7	28.6	28.6	25.2
1947.....	32.8	32.8	33.4	33.4	31.3	31.3	28.9	28.9	21.3

<sup>1</sup> Since September 1939, reported as spring chickens, 4 pounds and over. Previously reported at various weights, but approximately comparable weights were used to obtain this continuous series of prices.

<sup>2</sup> Since September 1939, reported as spring chickens under 4 pounds. Previously reported at various weights, but approximately comparable weights were used to obtain this continuous series of prices.

Bureau of Agricultural Economics. Computed from daily quotations in the Chicago Price Current. Beginning 1944, data from reports of Production and Marketing Administration.

Figures in italics are averages for less than 12 months.

TABLE 567.—*Poultry, dressed: Quantity officially inspected by Federal and Federal-State inspectors, 1930-47*

Year	Quantity	Year	Quantity	Year	Quantity	Year	Quantity
	<i>Pounds</i>		<i>Pounds</i>		<i>Pounds</i>		<i>Pounds</i>
1930.....	22,571,400	1935.....	23,266,090	1940.....	77,590,774	1945.....	227,917,363
1931.....	15,986,239	1936.....	32,950,582	1941.....	94,499,280	1946.....	282,254,310
1932.....	14,515,707	1937.....	43,378,769	1942.....	147,300,894	1947.....	203,101,031
1933.....	15,316,739	1938.....	43,538,661	1943.....	180,910,916		
1934.....	18,461,442	1939.....	62,607,663	1944.....	178,776,082		

Production and Marketing Administration. Covers service to poultry-canning plants and plants preparing eviscerated poultry for sale as such, under cooperative agreements between the Federal and State governments. Inspections are made for condition and wholesomeness and not for grade. The service is optional and is paid for by the applicants.

TABLE 568.—*Poultry, dressed: Receipts at 6 markets, by rail and truck, 1938-47*<sup>1</sup>

Year	New York			Chicago			Philadelphia		
	Rail	Truck	Total	Rail	Truck	Total	Rail	Truck	Total
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
1938.....	157,479	51,668	209,147	29,635	24,177	53,812	24,813	2,352	24,806
1939.....	156,148	76,771	232,919	29,618	50,570	80,188	28,718	5,456	25,165
1940.....	148,138	100,034	248,172	41,253	62,331	103,584	27,885	6,260	34,174
1941.....	114,395	119,419	233,814	36,047	65,715	101,762	27,885	6,260	34,145
1942.....	115,667	137,424	253,091	46,556	54,925	101,481	24,820	6,229	31,049
1943.....	129,851	81,318	211,169	38,503	37,863	76,366	20,647	2,303	22,950
1944.....	180,019	92,459	272,478	47,894	34,408	82,302	26,235	2,513	28,748
1945.....	212,531	83,468	295,999	90,922	29,431	120,353	30,944	4,231	35,175
1946.....	188,939	121,916	310,855	83,897	43,525	127,422	38,759	7,743	46,502
1947.....	140,475	149,284	289,759	49,985	43,877	93,862	32,387	9,713	42,100
Year	Boston			San Francisco			Los Angeles		
	Rail	Truck	Total	Rail	Truck	Total	Rail	Truck	Total
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
1938.....	45,236	4,907	50,143	.....	.....	12,839	.....	.....	9,892
1939.....	48,885	8,281	57,166	.....	.....	12,396	.....	.....	13,717
1940.....	55,817	12,319	68,136	2,543	8,327	13,760	.....	.....	17,763
1941.....	55,963	13,110	69,103	6,434	8,149	15,583	10,098	2,637	19,735
1942.....	53,550	11,944	65,494	18,898	9,520	28,418	17,686	10,433	28,119
1943.....	41,026	6,734	47,760	15,109	7,024	22,133	18,056	8,329	26,385
1944.....	42,502	10,726	53,228	25,749	11,074	36,823	15,439	11,899	27,338
1945.....	45,909	7,455	53,364	16,747	11,357	28,104	19,263	5,597	24,860
1946.....	57,575	12,225	69,800	18,931	11,407	30,338	16,001	4,393	20,394
1947.....	45,220	17,389	62,609	12,031	10,371	22,402	13,371	6,630	20,001

<sup>1</sup> Gross weights, which include container and wrappings. Includes intermarket shipments.

<sup>2</sup> Rail and truck not separated prior to year indicated.

Production and Marketing Administration.

## DRESSED POULTRY RECEIPTS

451

TABLE 569.—Poultry, dressed: Receipts at 6 markets, by origin, 1946 and 1947<sup>1</sup>

Origin	New York		Chicago		Philadelphia		Boston		San Francisco		Los Angeles	
	1946	1947	1946	1947	1946	1947	1946	1947	1946	1947	1946	1947
	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.
Maine.....	261	2,019					4,117	4,624				
New Hampshire.....	1,044	395					3,311	4,115				
Vermont.....	141	164		28	34		831	174				
Massachusetts.....	2,636	2,858		33	15	58	4,674	7,449				
Rhode Island.....							147	3				
Connecticut.....	7	240					66	148				
New York.....	32,978	32,225	256	951	931	702	2,919	1,279	138	312	323	609
New Jersey.....	8,614	2,068	613	94	87	225	340	62	109	118	211	121
Pennsylvania.....	8,134	6,474	210	98	2,465	2,645	79	84			144	24
Ohio.....	3,648	2,158	432	83	1,341	1,271	523	331	48	57		
Indiana.....	6,644	3,592	1,874	1,689	528	372	1,679	956	70			
Illinois.....	20,544	12,347	5,166	3,261	2,702	3,244	6,400	6,405	665	235	287	177
Michigan.....		646	813	422	314	76	212	85			69	
Wisconsin.....	1,050	797	4,208	2,417	129	128	628	146				
Minnesota.....	25,103	21,107	37,336	26,501	10,046	6,647	8,304	5,269	547	272	748	748
Iowa.....	38,737	30,367	27,474	26,543	6,270	4,714	10,467	8,379	2,384	909	1,536	790
Missouri.....	11,124	10,756	5,802	3,421	2,353	2,469	2,436	1,965	1,926	842	2,034	987
North Dakota.....	3,273	1,852	4,666	2,660	1,473	628	2,428	2,001	95	69	62	35
South Dakota.....	5,394	4,504	5,935	3,633	459	108	1,109	832	206	114	164	128
Nebraska.....	18,292	16,435	6,397	3,979	4,960	4,540	6,108	4,462	5,750	3,041	3,616	4,805
Kansas.....	7,572	7,025	4,457	3,231	2,510	2,542	1,083	1,781	1,876	1,384	2,515	1,724
Delaware.....	43,301	58,693	177	595	627	595	38	136		266		36
District of Columbia.....		372			2							
Maryland.....	22,407	36,338		567	2,303	3,593	580	1,217				33
Virginia.....	7,019	4,145	44	1,747	1,409	2,264				31	54	
West Virginia.....	50	11	2									
North Carolina.....	265	1,068			13	13	68	35				
South Carolina.....	43	7		1	108	97						
Georgia.....	33	107	107									
Florida.....	1	51		1								
Kentucky.....	233	296	95	138	792	609	90	114				
Tennessee.....	348	1,548	90	95		72	359	36				
Alabama.....		25										
Mississippi.....			108	60				193				38
Arkansas.....	186	390	1,385	1,725	27	56		35		807		525
Louisiana.....							38	68		40	66	
Oklahoma.....	3,834	3,691	2,265	1,541	573	251	340	365	163	274	375	66
Texas.....	4,146	3,238	1,438	606	578	679	725	1,292	55	93	236	55
Montana.....	287	234	281	242	106	211	60	89	37		37	
Idaho.....	202	161	78	84	302	125	393	369	156	296	68	68
Wyoming.....	975	461	261	33	33		31	35				
Colorado.....	4,873	1,785	1,389	710	352	637	290	551	78	41	339	121
New Mexico.....							188				32	
Arizona.....	43	65		1							27	38
Utah.....	7,395	5,022	5,623	2,255	652	486	1,353	4,232	741	372	666	684
Nevada.....		3,700		653	13	428		38				
Washington.....	6,270		729		374		803	292	736	81	165	46
Oregon.....	5,259	4,036	2,502	1,181	860	941	3,050	1,383	2,041	1,178	614	282
California.....	7,666	6,280	5,149	2,379	761	641	3,500	1,619	12,336	11,520	6,006	7,827
Canada.....		35		29		32		101				34
Total.....	310,855	289,759	127,422	93,862	46,502	42,100	69,800	62,609	30,338	22,402	20,394	20,001

<sup>1</sup>Including container and wrapping. Includes intermarket shipments.

Production and Marketing Administration.



TABLE 570.—*Chickens, dressed weight: Consumption in the United States, total and per capita, 1930-47*

Year	Production <sup>1</sup>			Cold storage stocks at beginning of year <sup>2</sup>	Imports	Exports	Cold storage stocks at end of year <sup>3</sup>	Consumption <sup>4</sup>	
	Farm and non-farm <sup>2</sup>	Commercial broilers	Total					Total	Per capita
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Pounds
1930.....	2,626		2,626	131	2	3	100	2,656	21.5
1931.....	2,426		2,426	100	1	3	106	2,418	19.4
1932.....	2,465		2,465	106	1	3	93	2,478	19.7
1933.....	2,572		2,572	98	(5)	2	103	2,560	20.3
1934.....	2,307	85	2,392	103	1	2	110	2,384	18.8
1935.....	2,189	103	2,292	110	1	2	87	2,319	18.1
1936.....	2,258	134	2,392	87	2	1	148	2,332	18.1
1937.....	2,101	172	2,273	148	5	2	92	2,332	18.0
1938.....	2,003	211	2,214	92	2	2	110	2,196	16.8
1939.....	2,188	270	2,458	110	1	3	109	2,457	18.7
1940.....	2,149	365	2,514	109	2	2	140	2,483	18.7
1941.....	2,296	493	2,789	140	2	3	161	2,715	20.5
1942.....	2,648	593	3,241	161	3	24	149	3,067	23.4
1943.....	3,402	733	4,135	149	2	1	187	3,950	30.6
1944.....	3,183	696	3,879	187	22	8	193	3,467	26.8
1945.....	3,251	919	4,170	193	22	16	301	3,742	28.9
1946.....	2,868	729	3,597	301	2	81	184	3,542	25.5
1947 <sup>5</sup> .....	2,710	748	3,458	184	12	20	226	3,351	23.4

<sup>1</sup> 88 percent of live weight.<sup>2</sup> Consumption on farms and sales, plus 10 percent of same to allow for nonfarm production.<sup>3</sup> Total poultry, less turkeys and ducks when reported separately.<sup>4</sup> Beginning 1941 consumption figures apply only to civilian population.<sup>5</sup> Less than 500,000 pounds.<sup>6</sup> Preliminary.

Bureau of Agricultural Economics.

TABLE 571.—*Poultry, dressed: Wholesale price per pound, New York City, 1938-47*

Year	Fowl, fresh dressed or frozen, fancy, box-packed			Young chickens, fresh-dressed, fancy, in barrels, predominantly from Delaware and Maryland				Young chickens, fresh-dressed and frozen, fancy, box-packed			
	36-42 pounds per dozen	48-54 pounds per dozen	60-65 pounds per dozen	Average weight per chicken				25-30 pounds per dozen	36-42 pounds per dozen	48-54 pounds per dozen	60-65 pounds per dozen
				2 pounds	3 pounds	4 pounds	5 pounds				
1938.....	Cents \$0.0	Cents 22.5	Cents \$4.0	Cents 24.2	Cents 22.4	Cents 25.2	Cents 27.5	Cents 23.6	Cents 22.9	Cents 25.4	Cents 27.7
1939.....	17.5	19.2	20.6	21.4	19.9	22.2	24.2	20.6	19.4	21.1	22.6
1940.....	16.9	19.2	20.4	21.7	20.4	23.3	25.5	21.3	20.4	22.6	23.9
1941.....	20.7	23.1	24.4	22.9	22.0	24.1	26.7	22.6	21.9	24.2	26.0
1942.....	24.9	27.9	28.3	28.2	27.5	30.1	32.8	27.4	28.0	30.7	32.5
1943.....	31.8	32.7	32.7	35.8	36.2	37.2	37.8	35.8	36.3	37.5	38.8
1944.....	33.6	33.8	33.8	37.8	37.4	37.5	37.5	37.8	37.7	37.8	37.8
1945.....	34.0	34.8	34.8	38.1	37.4	38.7	39.5	38.8	37.9	39.0	39.1
1946.....	32.4	36.8	37.4	39.6	39.2	42.1	39.5	40.5	39.5	43.0	43.8
1947.....	30.1	36.1	38.7	40.2	38.1	40.4	45.6	36.5	35.9	40.1	45.0

Production and Marketing Administration. Unweighted average annual prices compiled from quotations in the Producers' Price Current, Urner-Barry Publishing Co., New York City. Represents sales made by wholesalers to jobbers and retailers. Figures in italics are averages for less than 12 months.

TABLE 572.—*Chickens and turkeys officially tested for pullorum disease, number and percentage of reactors, 1938-47*

Year beginning July—	Chicken tests				Turkey tests			
	States reporting	Chickens tested (first test)	Reactors		States reporting	Turkeys tested (first test)	Reactors	
	Number	Number	Number	Percent	Number	Number	Number	Percent
1938.....	45	8,915,970	291,104	3.25	22	126,359	2,516	2.00
1939.....	47	11,184,460	345,380	3.09	26	315,394	7,676	2.43
1940.....	47	12,229,138	349,827	2.86	29	332,584	3,840	1.20
1941.....	47	16,859,592	446,688	2.65	30	279,007	2,553	0.92
1942.....	47	18,469,256	443,080	2.40	29	526,200	8,578	1.63
1943.....	47	23,817,732	547,039	2.30	35	982,269	19,609	2.00
1944.....	47	21,098,026	422,900	2.00	38	1,839,143	34,242	1.86
1945.....	47	27,003,930	495,644	1.84	42	2,794,979	40,488	1.45
1946.....	47	30,095,032	542,704	1.80	42	2,028,201	24,836	1.22
1947.....	47	29,912,918	353,975	1.18	40	1,257,368	9,469	0.75

Bureau of Animal Industry. Data for 1920-37 in Agricultural Statistics, 1945, table 520.

TABLE 573.—*Chickens: Number in specified countries, average 1934-38, annual 1946 and 1947*

Continent and country	Month of estimate <sup>1</sup>	Average 1934-38	1946	1947
		Thousands	Thousands	Thousands
North America:				
Canada.....	Dec. 1 <sup>1</sup>	44,077	51,697	54,702
Guatemala.....		<sup>2</sup> 664		
Mexico.....	March	<sup>3</sup> 36,368		
Panama.....		<sup>2</sup> 195		
United States.....	Jan. 1	408,177	530,203	474,441
Cuba.....	July		10,500	9,000
Dominican Republic.....		2,358	1,906	1,900
Europe:				
Albania.....		2,060	1,800	
Austria.....	Dec. 3 <sup>1</sup>	<sup>2</sup> 8,862	3,936	4,068
Belgium.....	Dec. 31 <sup>1</sup>	<sup>2</sup> 26,885	11,111	13,333
Bulgaria.....	Dec. 31 <sup>1</sup>	<sup>1</sup> 11,814		
Czechoslovakia.....	July 1	<sup>2</sup> 31,875		
Denmark.....	July	<sup>2</sup> 27,643	18,388	19,271
Eire.....	June	15,961	15,263	14,537
Finland <sup>4</sup> .....	Sept. 1	2,853	<sup>6</sup> 1,167	<sup>8</sup> 1,446
France <sup>7</sup> .....	Fall <sup>1</sup>	145,000		144,500
Germany.....	Dec. <sup>1</sup>	86,624	<sup>8</sup> 39,018	
Greece <sup>9</sup> .....	Nov. 30 <sup>1</sup>	11,679	8,200	7,500
Hungary.....	Feb. 28	<sup>1</sup> 17,880	<sup>10</sup> 16,000	
Italy.....		76,000	60,000	65,000
Luxembourg.....	Dec. 1 <sup>1</sup>	<sup>2</sup> 515	280	300
Netherlands.....	June	29,632	10,915	14,209
Norway.....	Apr. 15	3,486	1,650	2,200
Poland and Danzig.....	July	50,000	20,000	40,000
Portugal.....	Dec. 31 <sup>1</sup>	<sup>11</sup> 5,716		
Rumania.....		<sup>2</sup> 31,853	<sup>12</sup> 10,939	
Spain.....	July 1	<sup>12</sup> 28,972	<sup>14</sup> 22,468	
Sweden.....	Sept. 16	10,980	<sup>14</sup> 11,353	<sup>14</sup> 13,093
Switzerland.....	April	5,544	5,043	5,025
United Kingdom—Farm.....	June	73,402	60,576	64,880
Yugoslavia.....	June		76,393	81,526
Total.....	Dec. 31 <sup>1</sup>	18,021		

See footnotes at end of table.

TABLE 573.—*Chickens: Number in specified countries, average 1934-38, annual 1946 and 1947—Continued*

Continent and country	Month of estimate <sup>1</sup>	Average 1934-38	1946	1947
		<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
Asia:				
Lebanon.....	Dec. <sup>1</sup>		1,400	1,450
Palestine.....		<sup>2</sup> 1,914		
Syria.....		<sup>2</sup> 1,525	2,029	1,826
Turkey.....		16,794	18,422	18,777
China.....			184,984	
Japan.....	July	51,064	19,000	
Philippine Islands.....		41,524		
South America:				
Argentina.....	June	<sup>10</sup> 42,988		
Brazil.....		<sup>10</sup> 59,000		
Chile.....	June	<sup>2</sup> 1,026		
Paraguay.....				2,000
Uruguay.....		<sup>10</sup> 4,814		
Africa:				
Egypt.....	July	<sup>11</sup> 26,889		
French Morocco.....		<sup>2</sup> 50,000		
Union of South Africa.....	Aug.	<sup>15</sup> 14,000	18,600	16,000
Oceania:				
Australia.....	Dec. 31 <sup>1</sup>	15,541	15,000	
New Zealand.....	Mar.	<sup>11</sup> 3,489		

<sup>1</sup> End of year estimates (October to December) included under the following year for comparisons. Thus, for Canada the Dec. 1, 1945 estimate of 51,697,000 is shown under 1946. Relates to numbers on farms in Canada and the United States, but data for many countries not explicit on this point.

<sup>2</sup> Average for 2 to 4 years only.

<sup>3</sup> 1940.

<sup>4</sup> 1935.

<sup>5</sup> Adult poultry.

<sup>6</sup> 1946 and 1947 are March 1 figures.

<sup>7</sup> 1938 represents chickens raised.

<sup>8</sup> Four zones only. In December 1937, there were 69,582,000 chickens in the territory presently covered by the 4 zones.

<sup>9</sup> All poultry.

<sup>10</sup> September.

<sup>11</sup> 1936.

<sup>12</sup> 53 counties instead of 71.

<sup>13</sup> 1939.

<sup>14</sup> April.

<sup>15</sup> 1937.

<sup>16</sup> 1938.

Office of Foreign Agricultural Relations. Prepared or estimated on the basis of official statistics of foreign governments, reports of United States foreign service officers, results of office research, and other information. Data relate to prewar boundaries, unless otherwise noted.

TABLE 574.—*Turkeys: Number on farms Jan. 1 and value, United States, 1930-43*

Year	Turkeys		Value per head	Total value	Year	Turkeys		Value per head	Total value
	Breeder hens	Total				Breeder hens	Total		
	Thousands	Thousands	Dollars	1,000 dol.		Thousands	Thousands	Dollars	1,000 dol.
1930.....		5,969	3.00	17,918	1940.....	4,607	8,569	2.14	18,312
1931.....		5,318	2.60	13,806	1941.....	3,864	7,193	2.26	16,279
1932.....		5,946	2.43	14,471	1942.....	4,003	7,485	3.08	23,036
1933.....		6,852	1.41	9,672	1943.....	3,984	6,600	4.47	29,515
1934.....		6,309	1.48	9,309	1944.....	4,294	7,429	5.33	39,622
1935.....		5,499	2.18	11,982	1945.....	4,606	7,203	5.78	41,601
1936.....		5,731	2.82	16,170	1946.....	5,241	8,493	5.75	48,798
1937.....	3,481	6,358	2.06	13,106	1947.....	4,222	6,650	6.47	43,016
1938.....	3,222	6,096	2.49	15,154	1948 <sup>1</sup> .....	2,849	4,507	6.88	30,989
1939.....	3,914	6,489	2.56	16,615					

<sup>1</sup> Preliminary.

Bureau of Agricultural Economics.

TABLE 575.—*Turkeys: Summary of participation in the National Turkey Improvement Plan, 1943-47*

Year beginning July—	States participating	Hatcheries		Supply flocks			United States Record of Performance and Register of Merit <sup>2</sup>		
		Number	Egg capacity <sup>1</sup>	Flocks	Birds	Average number of birds per flocks	Breeders	Single-tom matings	Candidates trapped
	Number		Number	Number	Number		Number	Number	Number
1943.....	8	13	362,880	347	56,114	162	3	9	134
1944.....	26	233	13,063,165	1,657	755,712	456	27	157	2,062
1945.....	30	505	18,952,221	4,317	2,342,133	543	37	266	3,387
1946.....	45	735	30,426,292	3,841	1,859,830	484	51	432	5,538
1947.....	45	675	26,652,866	2,117	1,095,938	518	66	742	9,527

<sup>1</sup> Manufacturer's rating of the number of eggs the incubators will hold, including both incubating and hatching trays. In most instances the data are for turkey-egg capacity only, but in some cases the combined capacity for both chicken and turkey eggs is included.

<sup>2</sup> For U. S. Record of Performance and U. S. Register of Merit, the trap-nest period covers 3 consecutive weeks for each candidate during the winter or early spring. The National Turkey Improvement Plan became operative on Sept. 25, 1943.

Bureau of Animal Industry.

TABLE 576.—*Turkeys: Number on farms Jan. 1, value per head, and total value, by States, average 1937-46, annual 1947 and 1948*

State and division	Turkeys <sup>1</sup>			Value per head			Total value		
	Average 1937-46	1947	1948	Average 1937-46	1947	1948	Average 1937-46	1947	1948
	Thousands	Thousands	Thousands	Dollars	Dollars	Dollars	1,000 dollars	1,000 dollars	1,000 dollars
Maine.....	10	12	8	3.82	7.00	7.40	41	84	59
New Hampshire.....	12	15	14	4.27	7.50	8.30	54	112	116
Vermont.....	26	35	20	4.20	7.70	8.30	109	270	166
Massachusetts.....	56	66	60	4.55	7.50	8.20	270	495	492
Rhode Island.....	5	5	4	4.56	7.80	8.30	25	39	33
Connecticut.....	27	39	30	4.52	7.80	8.30	131	304	249
New York.....	77	237	133	4.36	8.00	8.50	362	1,896	1,130
New Jersey.....	37	65	66	4.82	7.80	8.50	196	507	567
Pennsylvania.....	144	229	151	4.46	7.40	8.20	663	1,695	1,238
North Atlantic.....	394	703	486	4.45	7.68	8.32	1,850	5,402	4,044
Ohio.....	121	224	101	3.73	7.40	7.40	481	1,658	747
Indiana.....	84	110	70	3.57	6.40	7.00	301	704	490
Illinois.....	122	135	122	3.58	6.60	7.10	466	891	866
Michigan.....	101	152	106	3.08	6.00	6.80	385	912	721
Wisconsin.....	94	119	83	3.72	7.50	7.90	367	892	656
East North Central.....	522	740	482	3.65	6.83	7.22	2,000	5,057	3,480
Minnesota.....	409	362	181	3.40	6.30	6.20	1,427	2,281	1,122
Iowa.....	250	300	171	3.43	6.40	6.50	848	1,920	1,112
Missouri.....	317	400	260	3.23	5.50	6.20	1,082	2,200	1,612
North Dakota.....	261	79	40	3.16	5.60	5.90	737	442	236
South Dakota.....	230	72	40	2.98	5.10	5.10	618	367	204
Nebraska.....	167	146	80	3.04	6.00	6.50	489	876	520
Kansas.....	198	188	94	2.96	5.80	6.00	555	1,090	564
West North Central.....	1,832	1,547	866	3.22	5.93	6.20	5,756	9,176	5,370
Delaware.....	24	20	17	4.52	7.00	8.00	104	140	136
Maryland.....	78	71	59	4.45	7.00	8.00	339	497	472
Virginia.....	161	251	146	3.67	6.50	7.00	598	1,632	1,022
West Virginia.....	44	49	39	3.54	7.00	7.00	148	343	273
North Carolina.....	58	56	50	3.48	5.80	6.60	193	325	339
South Carolina.....	70	87	75	3.56	7.00	7.00	263	609	525
Georgia.....	48	55	41	3.43	6.30	6.50	158	346	266
Florida.....	39	30	24	3.59	6.90	6.90	135	207	166
South Atlantic.....	522	619	451	3.75	6.62	7.07	1,939	4,099	3,190
Kentucky.....	81	54	38	3.11	5.40	6.40	230	292	243
Tennessee.....	48	29	22	3.04	5.30	5.30	136	154	117
Alabama.....	55	48	43	3.32	6.90	6.70	180	331	288
Mississippi.....	60	35	30	3.14	5.60	5.60	186	196	168
Arkansas.....	48	46	39	3.09	5.90	6.10	153	271	238
Louisiana.....	29	17	17	3.55	6.20	6.50	93	105	110
Oklahoma.....	256	130	91	2.68	4.80	5.20	588	624	473
Texas.....	905	786	700	2.86	4.90	5.30	2,530	3,851	3,710
South Central.....	1,483	1,145	980	2.90	5.09	5.46	4,095	5,824	5,347
Montana.....	45	25	15	3.62	7.00	7.50	141	175	112
Idaho.....	54	62	43	3.70	6.80	8.20	198	422	353
Wyoming.....	51	40	22	3.58	7.00	7.00	171	280	154
Colorado.....	182	104	73	3.36	6.40	6.90	583	666	504
New Mexico.....	26	30	18	3.04	5.80	6.40	79	174	115
Arizona.....	20	20	12	4.02	6.50	6.90	78	130	83
Utah.....	178	77	37	4.06	6.80	8.00	933	524	296
Nevada.....	14	10	7	4.40	7.00	8.00	58	70	56
Washington.....	208	293	234	4.19	7.30	7.90	1,011	2,139	1,849
Oregon.....	484	458	229	4.06	7.00	7.80	2,243	3,206	1,786
California.....	1,179	777	552	4.24	7.30	7.70	5,069	5,672	4,250
Western.....	2,440	1,896	1,242	4.07	7.10	7.70	10,563	13,458	9,558
United States.....	7,192	6,650	4,507	3.59	6.47	6.88	26,204	43,016	30,989

<sup>1</sup> Birds remaining for market and breeding stock on Jan. 1.

Bureau of Agricultural Economics.

# TURKEYS

457

TABLE 577.—Turkeys: Farm production, disposition, cash receipts, and gross income, United States, 1930-47

Year	Number				Pounds				Farm price per pound produced	Value of receipts (sales)	Value of turkeys consumed <sup>1</sup>	Gross income <sup>2</sup>			
	Raised <sup>1</sup>	Loss of mature birds <sup>2</sup>	Pro-duced <sup>3</sup>	Change in inventory <sup>4</sup>	Con-sumed <sup>5</sup>	Sold	Pro-duced	Con-sumed <sup>6</sup>					Sold		
														Increase	Decrease
1930.....	17,419	367	17,052	628	651	1,704	15,999	228,497	22,834	214,186	20.0	49,475	46,323	41,224	
1931.....	18,249	326	17,923	628	628	1,549	15,746	243,753	21,066	214,374	19.1	47,207	41,590	45,615	
1932.....	22,241	369	21,872	906	906	1,665	19,393	303,103	22,977	297,603	12.7	42,960	37,758	41,197	
1933.....	22,241	428	21,813	906	543	1,623	21,733	299,697	22,585	304,251	11.6	37,854	37,758	38,412	
1934.....	21,702	392	21,310	627	810	1,505	20,615	299,997	20,973	289,755	16.1	57,002	42,098	50,224	
1935.....	20,821	334	20,487	232	232	1,485	18,827	297,960	20,462	273,843	20.1	66,663	61,633	64,970	
1936.....	26,755	339	26,416	193	261	1,425	25,530	405,418	21,413	385,560	13.6	66,213	63,406	66,933	
1937.....	26,887	340	26,547	193	261	1,291	24,861	375,828	20,733	358,590	17.5	70,477	66,192	69,453	
1938.....	33,587	375	33,212	208	193	1,170	29,821	494,019	18,811	475,008	15.7	78,510	70,715	73,024	
1939.....	34,047	405	33,642	292	1,376	1,170	33,778	506,827	18,617	509,435	15.4	77,738	78,245	80,843	
1940.....	32,505	446	32,059	885	885	906	31,209	516,827	12,961	495,502	19.9	102,645	98,387	101,408	
1941.....	32,309	455	31,854	829	829	824	32,420	516,873	11,961	527,276	27.5	144,344	144,760	148,255	
1942.....	33,616	446	33,170	226	226	747	34,749	591,342	11,664	490,188	32.6	168,982	160,044	173,295	
1943.....	44,221	430	43,791	1,290	1,290	747	41,790	792,487	10,434	884,599	34.0	201,165	198,731	209,299	
1944.....	40,724	433	40,291	1,843	1,843	711	41,790	792,487	11,888	728,173	33.6	206,720	244,975	240,029	
1945.....	35,117	322	34,795	2,143	2,143	743	41,390	720,177	12,782	742,894	36.2	251,094	248,041	273,734	
1946.....	35,117	322	34,795	2,143	2,143	743	36,195	629,162	12,894	655,282	38.3	228,562	238,041	242,733	
1947.....	35,117	322	34,795	2,143	2,143	743	36,195	629,162	12,894	655,282	38.3	228,562	238,041	242,733	

<sup>1</sup> Total poults hatched, less death loss of poults and young turkeys during the year.  
<sup>2</sup> Death loss during the year of breeder hens on hand Jan. 1.  
<sup>3</sup> Turkeys raised, less death loss during the year of breeder hens on hand Jan. 1.  
<sup>4</sup> Change in Jan. 1 inventory numbers during the year.  
<sup>5</sup> Turkeys consumed in households of farm producers.  
<sup>6</sup> Value of sales, plus value of those consumed in households of producers.  
<sup>7</sup> Preliminary.  
 Bureau of Agricultural Economics.

TABLE 578.—Turkeys: Farm production, disposition, cash receipts, and gross income, by States, 1946

State and division	Number						Average weight per bird sold	Pounds			Farm price per pound	Value of turkeys produced	Cash receipts (sales)	Value of turkeys consumed *	Gross income *	
	Raised †	Loss of insured birds †	Pro-duced *	Change in inventory †		Con-sumed *		Sold	Pro-duced	Con-sumed *						Sold
				Increase	Decrease											
	Thou-sands	Thou-sands	Thou-sands	Thou-sands	Thou-sands	Thou-sands	Pounds	1,000 pounds	1,000 pounds	1,000 pounds	Cents	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	
Maine.....	51	1	50	3	1	52	16.4	1,820	16	1,853	44.6	239	353	8	360	
New Hampshire.....	176	1	174	6	1	178	17.4	2,287	17	1,357	41.4	574	908	7	613	
Massachusetts.....	333	3	330	2	2	335	16.6	5,733	34	2,707	46.3	1,270	2,408	14	1,232	
Rhode Island.....	333	0	333	23	0	347	16.6	5,733	109	2,707	46.3	2,568	2,408	48	2,272	
Connecticut.....	212	2	210	9	4	34	16.5	5,44	16	5,61	47.0	2,568	294	8	34	
New York.....	756	5	751	68	9	4	215	3,606	70	3,784	46.5	1,703	1,835	34	1,860	
New Jersey.....	405	3	402	13	9	406	16.7	12,407	199	11,139	46.5	5,984	5,347	96	5,443	
Pennsylvania.....	1,431	7	1,424	30	19	1,375	17.1	24,330	325	23,512	47.0	3,156	3,187	70	3,257	
North Atlantic.....	3,470	23	3,447	45	55	3,347	16.9	58,330	927	56,653	46.2	26,935	26,147	147	10,768	
Ohio.....	1,155	14	1,141	25	14	1,122	17.1	19,510	239	19,699	36.1	7,043	7,111	86	7,197	
Indiana.....	1,081	6	1,075	10	10	1,065	17.1	18,383	171	18,212	35.9	6,599	6,538	61	6,696	
Illinois.....	1,152	14	1,138	25	7	1,186	17.7	20,142	124	20,992	36.9	7,792	7,746	46	7,902	
Michigan.....	1,832	7	1,825	38	12	1,811	18.3	15,447	200	15,832	36.7	5,609	5,829	73	5,902	
Wisconsin.....	614	7	607	6	7	606	18.3	11,108	128	11,090	38.0	4,221	4,214	49	4,263	
East North Central.....	4,934	43	4,891	124	50	4,900	17.3	84,590	862	85,575	36.9	30,964	31,498	315	31,753	
Minnesota.....	4,019	27	3,992	195	21	4,160	17.8	71,038	374	74,155	37.9	28,931	28,105	142	28,247	
Iowa.....	3,208	7	3,201	69	8	3,124	18.4	53,899	147	57,482	37.2	21,910	21,983	65	22,438	
Missouri.....	1,746	17	1,729	71	16	1,784	18.0	31,136	288	32,112	33.7	10,488	10,822	97	10,919	
North Dakota.....	426	5	419	20	23	433	16.7	15,347	718	14,963	33.9	5,203	5,072	243	5,315	
South Dakota.....	421	5	416	18	23	411	16.4	6,822	377	6,740	34.0	2,319	2,292	128	2,420	
Nebraska.....	970	10	960	17	12	948	17.6	16,865	211	16,665	35.4	5,981	5,906	75	5,981	
Kansas.....	866	14	852	124	18	864	17.7	15,612	319	15,293	34.2	5,339	5,230	109	5,339	
West North Central.....	12,186	87	12,099	235	141	12,193	17.8	215,796	2,434	217,430	36.2	78,171	78,810	849	79,689	



# TURKEYS

459

	91	1	4	90	4	2	92	17.5	1,575	35	1,610	40.3	635	649	14	653
Delaware.....	466	1	4	462	12	14	460	17.5	8,085	245	8,050	42.8	3,460	3,445	105	3,550
Maryland.....	1,331	11	3	1,320	50	22	1,248	17.4	22,908	383	21,715	37.6	8,636	8,615	144	8,300
Virginia.....	437	3	7	434	7	5	422	15.8	6,568	79	6,568	40.8	2,798	2,721	32	2,753
West Virginia.....	421	6	4	395	5	16	395	16.6	6,905	266	6,557	41.0	2,831	2,688	109	2,707
North Carolina.....	420	8	6	412	5	14	408	17.0	7,004	238	6,938	41.5	2,907	2,878	99	2,977
South Carolina.....	182	3	4	179	11	14	184	15.2	2,900	227	2,475	42.2	1,254	1,053	96	1,149
Georgia.....	115	3	4	111	5	11	105	15.6	1,665	165	1,575	48.9	1,814	1,770	81	1,851
Florida.....																
South Atlantic.....	3,463	39	3	3,424	42	98	3,284	16.9	57,961	1,638	55,906	40.2	23,305	22,369	680	23,049
Kentucky.....	220	5	6	215	6	10	211	16.4	3,526	164	3,460	34.1	1,202	1,180	56	1,236
Tennessee.....	175	3	3	172	6	7	171	15.8	2,718	111	2,702	36.6	905	989	41	1,030
Alabama.....	151	5	5	146	11	25	121	15.5	2,264	388	1,876	41.7	944	782	162	944
Mississippi.....	85	8	7	77	11	20	108	15.2	1,171	304	1,034	40.6	475	420	123	543
Arkansas.....	129	9	6	123	5	16	122	15.2	1,869	91	1,551	34.0	635	530	31	661
Louisiana.....	45	3	3	42	1	10	42	15.3	9,746	352	9,551	32.2	3,226	3,203	117	3,298
Oklahoma.....	632	15	6	615	173	23	614	15.3	9,746	352	9,551	32.2	3,226	3,203	117	3,298
Oklahoma.....	4,231	93	4	4,138	173	114	4,197	16.2	67,035	1,847	67,991	31.5	21,116	21,417	582	21,999
Texas.....																
South Central.....	5,691	138	5	5,553	202	215	5,540	16.0	89,018	3,410	88,862	32.4	28,884	28,760	1,177	29,937
Montana.....	170	1	1	169	4	19	146	16.6	2,805	315	2,424	40.0	1,122	970	126	1,096
Idaho.....	239	4	4	235	8	4	223	17.0	3,995	68	3,791	35.3	1,410	1,338	24	1,362
Wyoming.....	156	11	1	155	4	20	149	16.8	2,604	101	2,503	38.9	1,013	974	39	1,013
Colorado.....	900	11	1	889	44	20	974	17.9	15,577	352	16,069	38.9	6,087	6,251	137	6,388
New Mexico.....	87	3	3	85	1	10	74	17.5	1,474	128	1,449	35.7	540	515	64	579
Arizona.....	87	3	3	85	1	10	81	17.5	1,513	128	1,449	35.7	540	515	64	579
Nevada.....	1,332	2	2	1,330	283	7	1,000	20.2	20,865	141	32,441	36.0	9,671	11,679	51	11,730
Utah.....	46	0	46	46	0	3	46	18.0	828	54	32,441	36.0	9,671	11,679	51	11,730
Nevada.....	1,303	7	7	1,296	126	16	1,400	20.4	26,438	329	28,082	33.8	8,936	9,095	110	9,805
Washington.....	2,049	22	2	2,027	305	22	2,310	19.4	39,324	427	44,814	31.5	12,387	14,116	135	14,251
Oregon.....	4,610	45	4	4,565	611	68	5,108	20.4	93,126	1,387	104,203	33.8	31,477	35,221	469	36,000
California.....																
Western.....	10,980	98	10	10,882	1,369	185	12,066	19.8	214,522	3,511	238,468	34.2	73,435	81,517	1,232	82,749
United States.....	40,724	433	40	40,291	1,843	744	41,390	17.9	720,177	12,782	742,894	36.2	261,694	269,041	4,683	273,724

<sup>1</sup> Total pouls hatched, less death loss of pouls and young turkeys during the year.

<sup>2</sup> Death loss during the year of breeder hens on hand Jan. 1.

<sup>3</sup> Turkeys raised, less death loss during the year of breeder hens on hand Jan. 1.

<sup>4</sup> Change in Jan. 1 inventory numbers during the year.

<sup>5</sup> Turkeys consumed in households of farm producers.

<sup>6</sup> Value of sales, plus value of those consumed in households of producers.

Bureau of Agricultural Economics.

TABLE 579.—Turkeys: Farm production, disposition, cash receipts, and gross income, by States, 1947

State and division	Number					Average weight per bird sold	Pounds			Farm price per pound	Value of turkeys produced	Cash receipts (sales)	Value of turkeys consumed *	Gross income *			
	Raised <sup>1</sup>	Loss of matured birds <sup>2</sup>	Pro-duced <sup>3</sup>	Change in inventory <sup>4</sup>	Consumed <sup>5</sup>		Sold	Pro-duced	Con- sumed *						Sold		
																Increase	Decrease
	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Pounds	1,000 pounds	1,000 pounds	1,000 pounds	Cents	1,000 dollars	1,000 dollars	1,000 dollars			
North Atlantic.	50	1	49	52	1	52	17.8	873	18	926	38.8	339	359	366			
	137	1	136	149	2	149	17.3	1,248	35	1,228	42.6	831	823	838			
	316	2	314	313	6	319	17.2	2,339	34	2,353	42.9	1,093	1,110	1,115			
	33	0	33	33	1	34	17.0	5,393	117	5,351	43.7	2,312	2,327	2,347			
	178	2	176	181	4	181	17.2	3,027	69	3,113	43.4	1,314	1,351	1,381			
	741	9	732	820	16	820	16.8	12,268	269	13,776	44.0	5,411	6,061	6,179			
	364	2	362	353	8	353	16.9	6,118	135	5,966	45.0	2,539	2,768	2,831			
	1,317	7	1,310	1,368	20	1,368	16.9	22,139	338	23,119	46.0	9,953	10,404	10,556			
	3,209	25	3,184	3,340	61	3,340	16.9	53,970	1,035	56,604	44.4	23,959	25,118	25,577			
	1,213	12	1,201	1,311	13	1,311	17.1	20,337	222	22,418	37.9	7,784	8,496	8,580			
East North Central	919	7	912	943	9	943	17.7	16,142	159	16,691	36.8	5,940	6,142	6,201			
	1,129	11	1,118	1,124	7	1,124	17.9	20,012	125	20,120	37.2	7,444	7,485	7,531			
	867	7	860	891	46	891	16.7	14,362	250	14,880	37.7	5,414	5,610	5,704			
	491	5	486	514	8	514	18.4	8,943	147	9,458	38.6	3,452	3,651	3,708			
	4,619	42	4,577	4,783	52	4,783	17.5	79,996	903	83,567	37.6	30,034	31,384	31,724			
	3,537	14	3,523	3,683	21	3,683	17.8	62,709	374	65,587	36.7	23,014	24,059	24,196			
	2,566	6	2,560	2,693	19	2,693	19.2	49,152	315	51,514	36.5	17,940	18,803	18,845			
	1,311	15	1,295	1,418	17	1,418	18.6	24,087	316	24,375	32.9	7,925	8,325	8,781			
	833	6	827	826	39	826	16.4	13,662	656	13,546	31.5	4,272	4,267	4,774			
	295	3	292	292	32	292	16.6	4,847	481	4,897	31.8	1,541	1,557	1,710			
West North Central	873	10	866	919	13	919	18.8	16,280	244	17,277	34.8	5,665	6,012	6,097			
	663	10	653	729	18	729	18.6	12,146	335	13,559	33.6	4,081	4,586	4,699			
	10,077	61	10,016	10,553	144	10,553	18.3	182,783	2,521	192,725	35.2	64,438	67,931	68,772			

# TURKEYS

461

Delaware.....	68	1	67	3	2	68	18.0	1,206	36	1,224	42.1	508	515	15	530
District of Columbia.....	396	3	393	105	15	390	18.0	7,074	270	7,020	41.1	2,907	2,885	111	2,966
Florida.....	1,131	8	1,123	102	24	1,204	16.7	18,754	401	20,107	36.1	7,333	7,902	167	8,019
Georgia.....	398	3	395	10	6	399	15.2	6,004	91	6,065	41.4	2,486	2,511	38	2,549
Idaho.....	379	3	376	6	14	368	16.6	6,241	232	6,109	39.1	2,440	2,359	91	2,480
Illinois.....	357	7	350	12	16	346	17.2	6,020	275	5,951	41.3	2,486	2,438	114	2,572
Indiana.....	182	2	180	14	15	179	17.1	3,078	226	3,061	42.0	1,283	1,286	44	1,304
Iowa.....	106	6	101	6	11	101	16.0	1,696	176	1,610	56.0	1,848	1,808	188	1,896
Kansas.....	3,020	30	2,990	168	103	3,055	16.7	50,073	1,737	51,153	40.5	20,301	20,714	722	21,436
Kentucky.....	165	5	160	16	11	165	16.7	2,673	184	2,756	36.1	965	995	66	1,061
Louisiana.....	140	3	137	7	8	136	15.8	2,164	126	2,149	35.2	762	755	44	800
Maine.....	128	6	122	5	20	107	16.0	1,952	320	1,712	40.1	783	687	128	815
Massachusetts.....	72	4	68	5	21	51	15.4	1,031	323	785	41.3	426	324	133	437
Michigan.....	72	4	68	5	21	51	15.4	1,031	323	785	41.3	426	324	133	437
Minnesota.....	11	1	10	1	1	10	15.1	1,067	178	1,090	31.4	335	345	48	338
Mississippi.....	522	12	529	39	22	525	16.4	8,331	361	8,610	33.6	2,799	2,893	121	3,014
Montana.....	3,681	64	3,617	86	129	3,574	16.6	60,041	2,141	59,328	31.5	18,913	18,688	674	19,362
Nebraska.....	4,831	103	4,728	165	224	4,669	16.5	77,999	3,654	77,058	32.4	25,321	24,971	1,245	26,216
Nevada.....	119	2	117	10	15	112	16.8	1,966	252	1,882	41.4	814	779	104	883
New Hampshire.....	203	4	199	19	6	212	17.8	3,543	107	3,774	38.9	1,378	1,468	42	1,510
New Jersey.....	131	1	130	18	6	143	17.2	2,236	86	2,460	39.2	877	964	34	998
New Mexico.....	810	9	801	12	19	814	17.5	14,018	315	14,245	35.7	5,084	5,085	112	5,197
New York.....	94	2	92	9	95	96	17.8	1,637	160	1,691	35.3	5,078	5,077	56	5,197
North Carolina.....	71	2	69	8	10	67	18.0	1,232	180	1,266	36.1	4,448	4,448	65	4,500
North Dakota.....	37	2	37	3	2	38	16.7	729	39	749	36.1	278	285	15	300
Ohio.....	1,079	2	1,077	40	6	1,111	20.3	21,863	122	22,553	37.0	8,089	8,345	65	8,390
Oregon.....	1,121	6	1,115	59	13	1,161	16.8	22,077	257	22,988	34.6	7,639	7,954	89	8,043
Pennsylvania.....	4,057	22	4,035	225	56	4,204	20.6	83,121	1,154	86,602	34.2	28,427	29,018	395	30,013
Rhode Island.....	9,361	61	9,300	654	159	9,795	19.8	184,341	3,044	194,175	35.0	64,509	67,923	1,085	69,008
South Carolina.....	35,117	322	34,795	743	36,195	18.1	629,162	12,894	655,282	36.3	228,562	238,041	4,692	242,733	
South Dakota.....	119	2	117	10	15	112	16.8	1,966	252	1,882	41.4	814	779	104	883
Texas.....	203	4	199	19	6	212	17.8	3,543	107	3,774	38.9	1,378	1,468	42	1,510
Utah.....	131	1	130	18	6	143	17.2	2,236	86	2,460	39.2	877	964	34	998
Vermont.....	810	9	801	12	19	814	17.5	14,018	315	14,245	35.7	5,084	5,085	112	5,197
Virginia.....	94	2	92	9	95	96	17.8	1,637	160	1,691	35.3	5,078	5,077	56	5,197
Washington.....	71	2	69	8	10	67	18.0	1,232	180	1,266	36.1	4,448	4,448	65	4,500
West Virginia.....	37	2	37	3	2	38	16.7	729	39	749	36.1	278	285	15	300
Wisconsin.....	1,079	2	1,077	40	6	1,111	20.3	21,863	122	22,553	37.0	8,089	8,345	65	8,390
Wyoming.....	1,121	6	1,115	59	13	1,161	16.8	22,077	257	22,988	34.6	7,639	7,954	89	8,043
Yukon.....	4,057	22	4,035	225	56	4,204	20.6	83,121	1,154	86,602	34.2	28,427	29,018	395	30,013
Western.....	9,361	61	9,300	654	159	9,795	19.8	184,341	3,044	194,175	35.0	64,509	67,923	1,085	69,008
United States.....	35,117	322	34,795	743	36,195	18.1	629,162	12,894	655,282	36.3	228,562	238,041	4,692	242,733	

<sup>1</sup> Total poult hatched, less death loss of poult and young turkeys during the year.  
<sup>2</sup> Death loss during the year of breeder hens on hand Jan. 1.  
<sup>3</sup> Turkeys raised, less death loss during the year of breeder hens on hand Jan. 1.  
<sup>4</sup> Change in Jan. 1 inventory numbers during the year.  
<sup>5</sup> Turkeys consumed in households of farm producers.  
<sup>6</sup> Value of sales, plus value of those consumed in households of producers.  
 Bureau of Agricultural Economics.

TABLE 580.—*Turkeys: Average live weight of birds sold, United States, 1930-47*

Year	Hens	Toms	All	Year	Hens	Toms	All
	Pounds	Pounds	Pounds		Pounds	Pounds	Pounds
1930.....			13.4	1939.....	11.9	17.9	14.9
1931.....			13.6	1940.....	12.1	18.1	15.1
1932.....			13.8	1941.....	12.7	19.1	15.9
1933.....			14.0	1942.....	13.0	19.6	16.3
1934.....			14.1	1943.....	12.9	19.5	16.2
1935.....			14.5	1944.....	13.2	20.4	16.8
1936.....			14.7	1945.....	13.5	21.4	17.4
1937.....			14.8	1946.....	13.8	22.0	17.9
1938.....			14.9	1947.....	13.8	22.4	18.1

Bureau of Agricultural Economics.

TABLE 581.—*Turkeys, dressed weight: Consumption in the United States, total and per capita, 1930-47*

Year	Production <sup>1</sup>	Cold storage stocks at beginning of year	Imports	Cold storage stocks at end of year	Consumption <sup>2</sup>	
					Total	Per capita
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Pounds
1930.....	216	10	1	5	222	1.8
1931.....	214	5	5	10	214	1.7
1932.....	264	10	1	15	260	2.1
1933.....	298	15	( <sup>3</sup> )	16	297	2.4
1934.....	284	16	( <sup>3</sup> )	19	281	2.2
1935.....	267	19	( <sup>3</sup> )	17	269	2.1
1936.....	361	17	1	35	344	2.7
1937.....	346	35	( <sup>3</sup> )	26	355	2.7
1938.....	355	26	( <sup>3</sup> )	23	358	2.7
1939.....	422	23	( <sup>3</sup> )	52	393	3.0
1940.....	479	52	( <sup>3</sup> )	61	470	3.5
1941.....	465	61	1	50	469	3.5
1942.....	492	50	1	36	484	3.7
1943.....	457	36	3	37	450	3.3
1944.....	541	37	5	72	426	3.3
1945.....	673	72	4	108	555	4.3
1946.....	687	108	( <sup>3</sup> )	128	632	4.5
1947 <sup>4</sup> .....	608	128	2	83	645	4.5

<sup>1</sup> 91 percent of live weight. Sales, plus consumption on farms.<sup>2</sup> Does not allow for exports; data not available. Beginning 1941 consumption figures apply only to civilian population.<sup>3</sup> Less than 500,000 pounds.<sup>4</sup> Preliminary.

Bureau of Agricultural Economics.

TABLE 582.—Eggs: Farm production, disposition, cash receipts, and gross income, United States, 1930-47

Year	Hens and pullets		Rate of lay		Eggs			Farm price per dozen	Value of eggs produced	Cash receipts (sales)	Value of eggs consumed	Gross income
	On hand Jan. 1	Average number during year	Per layer during year	Number	Total produced	Used for hatchling	Consumed					
	Thousands	Thousands	Per layer during year	Number	Millions	Millions	Millions		1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1930.....	420,451	321,893	93	121	39,067	935	7,519	29,613	768,269	605,805	144,758	1,000
1931.....	401,776	303,008	96	127	38,532	909	7,985	30,628	558,682	434,314	111,758	750,003
1932.....	385,826	290,055	94	121	36,298	891	7,992	27,415	422,004	324,362	87,973	646,072
1933.....	390,743	290,717	91	118	35,514	855	7,922	26,737	403,425	308,575	85,740	412,335
1934.....	385,341	290,678	89	118	34,429	757	7,405	26,266	483,731	372,876	100,685	394,315
1935.....	350,407	276,406	96	122	33,009	665	7,203	25,739	648,136	501,551	134,283	473,561
1936.....	362,619	284,885	95	121	34,334	670	7,416	26,448	622,175	490,808	124,701	610,599
1937.....	378,754	295,063	99	130	37,354	694	8,000	28,442	690,170	541,181	148,989	610,599
1938.....	378,624	295,063	100	134	37,354	694	8,000	28,442	690,170	541,181	148,989	610,599
1939.....	376,141	290,555	103	134	38,843	513	8,238	30,092	658,155	437,386	131,456	610,599
1940.....	392,655	296,595	101	134	39,695	436	8,035	31,224	588,440	467,620	113,707	610,599
1941.....	381,315	300,862	110	139	41,878	431	7,632	33,795	815,369	603,014	144,247	610,599
1942.....	427,911	341,639	114	142	48,397	432	7,425	40,740	1,206,904	1,017,358	176,117	1,000
1943.....	488,959	382,986	112	142	54,539	479	7,349	46,711	1,681,951	1,446,291	222,227	1,000
1944.....	523,877	395,792	112	148	58,530	364	7,711	50,455	1,580,547	1,365,083	205,587	1,000
1945.....	473,890	369,356	118	151	55,858	364	7,729	47,765	1,752,137	1,500,136	240,515	1,000
1946.....	474,233	359,603	117	158	55,990	275	8,026	47,269	1,737,640	1,478,332	259,308	1,000
1947.....	435,695	350,571	127	158	55,301	240	7,825	47,233	2,052,266	1,781,937	271,169	1,000

<sup>1</sup> Number of eggs produced during the year, divided by number of hens and pullets on hand Jan. 1.

<sup>2</sup> Number of eggs produced during the year, divided by the average number of hens and pullets of laying age on hand during the year.

<sup>3</sup> Consumed in households of farm producers.

<sup>4</sup> Value of sales, plus value of those consumed in households of producers.

<sup>5</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1909-39 in Agricultural Statistics, 1942, table 672.

TABLE 583.—Eggs: Farm production, disposition, cash receipts, and gross income, by States, 1946

State and division	Hens and pullets		Rate of lay		Eggs produced Millions	Eggs used for hatching Millions	Eggs consumed in farm house- hold : Millions	Eggs sold Millions	Farm price per dozen Cents	Value of eggs produced 1,000 dollars	Cash receipts (sales) 1,000 dollars	Value of eggs consumed <sup>1</sup> 1,000 dollars	Gross income <sup>2</sup> 1,000 dollars
	On hand Jan. 1	Average number on hand year	Per layer Jan. 1	Per layer during year <sup>2</sup>									
North Atlantic													
Maine	2,566	1,861	142	196	365	1	41	323	49.9	15,178	13,431	1,705	15,136
New Hampshire	2,528	1,822	140	194	354	1	22	331	49.9	14,720	13,764	915	14,679
Vermont	1,143	843	150	204	172	( <sup>1</sup> )	29	143	47.5	6,808	5,600	1,148	6,808
Massachusetts	6,028	4,262	141	200	852	2	44	806	50.2	35,642	33,718	1,841	35,559
Rhode Island	3,648	2,469	149	200	94	( <sup>1</sup> )	34	87	50.1	3,924	3,632	2,292	3,924
Connecticut	2,680	1,435	197	197	628	1	34	483	51.0	22,440	20,952	2,297	22,397
New York	16,036	12,125	136	179	2,174	2	214	1,938	46.2	83,699	75,383	8,239	83,622
New Jersey	9,713	6,476	121	179	1,312	8	148	1,038	49.3	47,739	43,458	5,872	47,110
Pennsylvania	22,717	17,079	129	172	2,938	7	261	2,670	44.3	108,461	98,568	9,635	108,203
North Atlantic													
Ohio	64,908	47,617	133	181	8,639	22	700	7,917	47.1	338,611	310,546	27,192	337,738
Indiana	19,855	15,315	129	168	2,570	6	337	2,227	37.0	79,242	68,666	10,391	79,057
Illinois	16,163	12,204	126	167	2,035	5	249	2,227	34.0	57,638	50,402	7,055	57,517
Michigan	23,443	17,398	115	155	2,689	8	345	2,336	32.9	73,724	64,045	9,489	73,504
Wisconsin	13,017	10,223	126	161	1,643	3	234	1,406	36.9	50,522	43,234	7,196	50,430
Wisconsin	17,989	14,411	133	165	2,385	4	269	2,112	35.6	70,755	62,656	7,980	70,636
East North Central													
Minnesota	90,447	69,551	125	163	11,322	26	1,434	9,862	35.2	331,901	289,063	42,081	331,144
Iowa	29,446	23,904	138	170	4,069	5	317	3,747	33.4	113,254	104,291	8,823	113,114
Missouri	35,617	27,401	124	161	4,415	8	381	4,026	32.6	119,941	109,373	10,351	119,728
Illinois	24,416	17,969	113	154	2,764	10	359	2,389	32.2	74,167	64,105	9,633	73,738
North Dakota	5,666	4,178	103	140	1,885	3	119	463	30.1	14,674	11,614	2,965	14,599
South Dakota	9,349	7,143	114	149	1,066	3	116	463	30.4	27,005	23,991	2,939	26,930
Nebraska	15,638	11,955	122	160	1,913	3	210	1,697	31.3	49,897	44,263	5,477	49,740
Kansas	17,334	13,248	120	156	2,072	8	266	1,798	31.6	54,563	47,347	7,005	54,352
West North Central													
West North Central	137,466	105,776	123	160	16,884	49	1,768	15,067	32.3	453,501	404,984	47,213	452,197

# EGGS

465

	1,112	852	124	162	138	(*)	13	125	42.4	4,570	4,417	459	4,876
Delaware.....	1,112	852	124	162	138	(*)	13	125	42.4	4,570	4,417	459	4,876
Maryland.....	4,188	3,240	122	157	509	7	63	944	41.5	17,003	15,355	2,179	17,334
Virginia.....	10,187	7,783	117	153	1,194	7	234	453	40.1	39,900	31,846	7,820	39,666
West Virginia.....	4,233	3,079	114	137	484	3	126	555	41.8	16,859	12,366	4,389	16,755
North Carolina.....	10,531	7,772	93	126	980	11	341	628	41.6	33,973	21,771	11,821	33,992
South Carolina.....	4,657	3,199	76	110	333	8	147	198	43.2	12,708	7,128	5,582	12,420
Georgia.....	8,186	5,533	77	108	935	13	240	352	42.9	22,701	13,656	8,560	22,256
Florida.....	2,614	1,797	131	131	235	3	60	172	45.9	6,989	6,579	2,295	8,574
South Atlantic.....	45,718	33,575	90	135	4,528	47	1,224	3,257	41.7	157,609	113,118	42,835	155,935
Kentucky.....	11,701	8,582	105	143	1,230	15	337	878	34.8	35,670	25,462	9,773	35,235
Tennessee.....	11,076	8,160	95	129	1,055	15	291	749	36.2	31,826	22,595	8,779	31,374
Alabama.....	7,875	5,736	83	114	653	12	251	390	39.7	21,603	12,902	8,304	21,206
Mississippi.....	7,331	5,988	75	99	532	16	179	357	39.1	17,986	11,632	5,832	17,464
Arkansas.....	8,907	6,065	85	113	984	10	224	450	35.6	20,292	13,350	6,045	19,995
Louisiana.....	4,127	3,419	71	101	411	0	128	185	38.0	10,660	6,208	4,079	10,245
Oklahoma.....	12,271	8,224	105	143	1,313	12	213	1,046	33.4	38,494	26,388	7,187	38,213
Texas.....	31,514	23,974	98	128	3,073	22	513	2,538	34.8	89,117	73,602	14,877	88,470
South Central.....	94,892	70,648	94	126	8,890	109	2,182	6,599	35.4	293,645	194,777	65,557	290,334
Montana.....	2,033	1,531	113	150	230	1	66	163	36.9	7,072	5,012	2,030	7,042
Idaho.....	2,347	1,726	119	162	280	1	53	226	40.8	9,520	7,684	1,802	9,486
Wyoming.....	3,812	2,625	119	155	97	(*)	24	73	37.2	3,007	2,263	744	3,007
Colorado.....	3,524	3,029	109	130	455	2	87	366	35.1	13,309	10,705	2,545	13,253
New Mexico.....	1,639	1,235	105	135	165	1	43	134	43.7	2,719	2,029	1,690	2,719
Arizona.....	463	463	105	145	165	(*)	17	50	48.2	2,719	2,029	1,690	2,719
Utah.....	3,033	2,572	143	168	433	1	41	391	43.9	15,841	14,304	1,900	15,604
Nevada.....	293	253	152	170	43	(*)	7	36	45.7	1,638	1,371	267	1,638
Washington.....	5,424	4,316	141	177	766	3	115	648	46.0	29,363	24,840	4,408	29,248
Oregon.....	3,642	2,787	133	173	483	3	83	397	45.0	18,112	14,838	3,112	18,000
California.....	17,512	14,210	134	165	2,345	10	186	2,149	44.8	87,547	80,229	6,944	87,173
Western.....	40,802	32,434	131	164	5,327	22	718	4,387	43.5	192,373	166,245	25,336	191,581
United States.....	474,233	339,603	117	155	55,590	275	8,026	47,289	37.5	1,737,640	1,478,733	250,214	1,728,947

1 Number of eggs produced during the year, divided by number of hens and pullets on hand Jan. 1.  
 2 Number of eggs produced during the year, divided by the average number of hens and pullets of laying age on hand during the year.  
 3 Consumed in households of farm producers.  
 4 Value of sales, plus value of those consumed in households of producers.  
 5 Less than half a million.  
 Bureau of Agricultural Economics.



TABLE 584.—Eggs: Farm production, disposition, cash receipts, and gross income, by States, 1947

State and division	Hens and pullets		Rate of lay		Eggs produced Millions	Eggs used for farm hatching Millions	Eggs consumed in farm house- hold : Millions	Eggs sold Millions	Farm price per dozen Cents	Value of eggs produced 1,000 dollars	Cash receipts (sales) 1,000 dollars	Value of eggs consumed: 1,000 dollars	Gross income : 1,000 dollars
	On hand Jan. 1	Average number during year	Per layer on hand Jan. 1	Per layer during year :									
North Atlantic	Thousands	Thousands	Number	Number	Millions	Millions	Millions	Millions					
	2,284	2,037	175	192	392	2	43	347	61.4	20,057	17,755	2,200	19,955
	2,187	2,003	173	189	378	3	20	355	61.9	19,498	18,312	1,032	19,344
	932	822	177	201	165	3	26	139	60.2	8,278	6,973	1,304	8,277
	4,888	4,512	183	198	895	3	46	846	63.5	47,360	44,708	2,434	47,202
	537	492	179	195	96	3	90	90	62.1	4,968	4,038	310	4,908
	3,169	2,885	175	192	554	1	31	522	60.9	28,116	26,492	1,573	28,065
	14,454	11,800	149	183	2,157	3	205	1,949	56.7	101,918	92,060	9,686	101,776
	9,634	8,016	149	179	1,434	7	44	1,383	59.4	70,983	68,458	2,178	70,636
	21,538	17,489	141	174	3,046	5	253	2,788	53.4	135,547	124,066	11,258	135,324
North Atlantic	59,573	50,056	153	182	9,117	24	674	8,419	57.5	436,725	403,572	31,975	435,547
	18,456	15,102	138	168	2,539	5	327	2,207	46.5	98,386	85,521	12,671	98,192
	15,451	12,825	139	167	2,145	4	247	1,894	41.4	74,902	65,343	8,522	73,865
	21,755	17,304	123	155	2,684	6	235	2,343	40.0	89,467	78,100	11,167	89,267
	11,737	9,762	136	163	1,596	2	225	1,369	46.4	61,712	52,935	8,700	61,635
	17,270	14,806	143	166	2,461	3	269	2,189	43.8	89,826	79,898	9,818	89,716
	84,669	69,799	135	164	11,425	20	1,403	10,002	43.4	413,393	361,797	50,878	412,675
	28,245	23,017	139	171	3,931	4	307	3,620	39.4	129,068	118,857	10,089	128,937
	33,444	26,254	127	162	4,253	7	370	3,876	38.5	136,458	124,355	11,871	136,226
	21,726	17,286	126	158	2,732	14	348	2,370	38.4	87,424	75,840	11,136	86,976
West North Central	6,033	4,033	115	144	1,100	1	113	466	35.2	17,013	13,669	3,315	16,984
	9,094	7,189	121	153	1,100	3	114	983	35.9	32,908	29,408	3,411	32,819
	14,569	11,765	131	162	1,907	1	204	1,698	36.6	58,164	51,789	6,222	58,011
	15,690	12,571	132	163	2,053	7	258	1,788	37.6	64,327	56,024	8,084	64,108
	127,701	102,115	130	162	16,556	41	1,714	14,801	38.1	525,354	469,942	54,119	524,061

	962	793	133	160	127	(*)	51.1	5,408	4,854	564	5,408
Delaware.....	3,160	3,160	126	156	494	6	49.3	20,295	17,707	2,647	20,295
Maryland.....	7,751	7,751	128	156	1,212	6	47.8	47,975	38,475	9,252	47,975
Virginia.....	10,078	10,078	129	155	1,078	7	48.9	33,340	27,940	5,397	33,340
West Virginia.....	2,078	2,078	70	108	327	2	50.7	13,816	11,341	2,475	13,816
North Carolina.....	2,984	2,984	70	110	625	7	50.7	26,302	16,833	9,000	26,302
South Carolina.....	7,702	7,702	81	110	625	2	50.0	26,302	16,833	9,000	26,302
Florida.....	5,707	5,707	96	127	223	9	50.0	10,407	7,700	2,613	10,407
Georgia.....	1,754	1,754	96	127	223	2	50.0	10,407	7,700	2,613	10,407
2,310	2,310	2,310	2,310	2,310	2,310	2,310	2,310	2,310	2,310	2,310	2,310
South Atlantic.....	42,610	32,723	105	137	4,467	36	49.1	182,921	133,559	47,873	182,921
Kentucky.....	10,707	8,160	113	149	1,213	13	41.4	41,848	29,428	11,972	41,848
Tennessee.....	10,376	7,813	100	132	1,034	13	42.1	36,276	25,927	9,893	36,276
Alabama.....	6,744	5,152	86	114	523	11	46.0	19,743	13,608	6,568	19,743
Mississippi.....	6,744	5,152	86	114	523	11	46.0	19,743	13,608	6,568	19,743
Arkansas.....	7,048	5,266	86	116	608	10	41.8	21,179	13,411	7,419	21,179
Louisiana.....	4,175	2,985	73	102	303	8	46.3	11,691	6,443	4,939	11,691
Oklahoma.....	10,507	8,767	123	148	1,297	8	39.7	42,909	34,340	8,304	42,909
Texas.....	26,791	21,140	106	134	2,832	19	41.3	97,468	78,814	18,000	97,468
South Central.....	83,573	64,750	101	130	8,432	96	41.8	294,957	215,384	76,142	294,957
Montana.....	1,931	1,451	117	155	295	1	44.1	8,289	5,917	2,315	8,289
Idaho.....	2,165	1,842	147	165	307	1	48.1	12,382	10,204	2,138	12,382
Wyoming.....	802	652	128	158	103	1	43.1	3,699	2,802	898	3,699
Colorado.....	3,310	2,598	120	153	397	2	41.5	13,730	10,755	2,905	13,730
New Mexico.....	1,103	907	120	146	132	1	46.4	5,104	3,480	1,585	5,104
Arizona.....	593	530	137	153	81	1	58.7	3,962	3,180	783	3,962
Utah.....	2,870	2,550	147	166	423	1	51.3	18,083	16,202	1,838	18,083
Nevada.....	277	247	144	162	40	1	54.3	1,810	1,403	317	1,810
Washington.....	4,994	4,049	147	181	733	2	61.9	33,779	28,526	5,161	33,779
Oregon.....	3,184	2,677	149	177	474	2	58.6	21,528	17,531	3,800	21,528
California.....	16,310	13,625	146	175	2,389	12	54.5	106,510	97,565	8,382	106,510
Western.....	37,539	31,128	141	170	5,304	23	52.0	228,856	197,633	30,182	228,856
United States.....	435,665	350,571	127	158	55,301	240	45.3	2,482,206	1,781,937	294,160	2,482,206

<sup>1</sup> Number of eggs produced during the year, divided by number of hens and pullets on hand Jan. 1.

<sup>2</sup> Number of eggs produced during the year, divided by the average number of hens and pullets of laying age on hand during the year.

<sup>3</sup> Consumed in households of farm producers.

<sup>4</sup> Value of sales, plus value of those consumed in households of producers.

<sup>5</sup> Less than half a million.

Bureau of Agricultural Economics.

TABLE 585.—*Eggs: Consumption in the United States, total and per capita, 1930-47*

Year	Total egg production <sup>1</sup>	Storage stocks at beginning of year <sup>2</sup>	Imports <sup>3</sup>	Exports <sup>3</sup>	Eggs used for hatching <sup>3</sup>	Storage stocks at end of year <sup>3</sup>	Consumption <sup>4</sup>	
							Total	Per capita
	Million dozen	Million dozen	Million dozen	Million dozen	Million dozen	Million dozen	Million dozen	Number
1930.....	3,581	66	44	19	149	125	3,398	329
1931.....	3,532	125	34	8	135	109	3,439	331
1932.....	3,327	109	10	2	136	50	3,258	311
1933.....	3,255	50	9	2	132	72	3,103	295
1934.....	3,156	72	8	2	127	72	3,040	287
1935.....	3,081	72	22	2	124	85	2,964	278
1936.....	3,166	85	27	2	134	61	3,081	287
1937.....	3,443	61	32	2	115	112	3,307	306
1938.....	3,424	112	6	2	124	59	3,357	308
1939.....	3,561	59	5	3	133	74	3,415	311
1940.....	3,638	74	7	5	129	77	3,508	317
1941.....	3,839	77	15	155	157	75	3,435	311
1942.....	4,455	75	3	445	183	75	3,484	316
1943.....	4,999	75	1	645	220	100	3,739	346
1944.....	5,365	100	1	713	183	80	3,768	350
1945.....	5,120	80	4	473	211	61	4,295	397
1946.....	5,098	61	1	345	170	109	4,308	374
1947 <sup>5</sup> .....	5,069	109	1	233	175	78	4,542	380

<sup>1</sup> Includes nonfarm production, estimated at 10 percent of farm production.<sup>2</sup> Shell-egg equivalent of eggs and egg products.<sup>3</sup> Estimated from the total number of chickens raised in the United States and the average number of eggs required per bird raised.<sup>4</sup> Beginning 1941 consumption figures apply only to civilian population.<sup>5</sup> Preliminary.

Bureau of Agricultural Economics.

TABLE 586.—*Shell eggs: Receipts at 6 markets, by rail and truck, 1938-47<sup>1</sup>*

Year	New York			Chicago			Philadelphia		
	Rail	Truck	Total	Rail	Truck	Total	Rail	Truck	Total
	1,000 cases	1,000 cases	1,000 cases	1,000 cases	1,000 cases	1,000 cases	1,000 cases	1,000 cases	1,000 cases
1938.....	5,058	1,190	6,155	2,180	2,027	4,207	749	392	1,141
1939.....	4,821	1,542	6,363	2,020	3,067	5,087	704	445	1,149
1940.....	4,552	1,937	6,489	1,965	3,397	5,362	667	583	1,250
1941.....	4,073	1,967	6,040	1,768	3,260	5,028	527	652	1,179
1942.....	3,544	2,271	5,815	1,757	3,461	5,218	388	707	1,095
1943.....	4,105	2,310	6,415	1,670	3,267	4,937	499	626	1,125
1944.....	3,777	2,810	6,587	1,911	2,808	4,719	381	718	1,099
1945.....	5,900	1,754	7,654	1,483	2,556	4,039	678	496	1,174
1946.....	5,520	2,294	7,814	2,272	3,314	5,586	635	602	1,237
1947.....	4,568	2,414	6,982	1,236	2,832	4,068	492	687	1,179
	Boston			San Francisco			Los Angeles		
	1,000 cases	1,000 cases	1,000 cases	1,000 cases	1,000 cases	1,000 cases	1,000 cases	1,000 cases	1,000 cases
1938.....	912	288	1,200	-----	-----	855	-----	-----	972
1939.....	756	368	1,124	-----	-----	866	-----	-----	1,047
1940.....	617	506	1,123	-----	-----	928	-----	-----	1,115
1941.....	592	641	1,233	-----	-----	996	-----	-----	1,174
1942.....	431	876	1,307	-----	-----	1,044	-----	-----	1,237
1943.....	754	739	1,493	-----	-----	773	-----	-----	1,216
1944.....	454	982	1,436	-----	-----	937	-----	-----	1,171
1945.....	757	538	1,295	-----	-----	741	-----	-----	1,234
1946.....	448	779	1,227	-----	-----	773	-----	-----	1,632
1947.....	405	853	1,258	-----	-----	766	-----	-----	1,579

<sup>1</sup> Includes intermarket shipments. Reported in cases of 30 dozen.<sup>2</sup> Rail and truck not separated prior to year indicated.

Production and Marketing Administration.

TABLE 587.—Shell eggs: Receipts at 6 markets, by origin, 1946 and 1947<sup>1</sup>

Origin	New York		Chicago		Philadelphia		Boston		San Francisco		Los Angeles	
	1946	1947	1946	1947	1946	1947	1946	1947	1946	1947	1946	1947
	1,000 cases	1,000 cases	1,000 cases	1,000 cases	1,000 cases	1,000 cases	1,000 cases	1,000 cases	1,000 cases	1,000 cases	1,000 cases	1,000 cases
Maine.....		1					178	165				
New Hampshire.....	6	3					173	176				
Vermont.....		1					62	55				
Massachusetts.....	33	16					352	342				
Rhode Island.....	1	7					3	2				
Connecticut.....	36	25					26	34				
New York.....	1,237	1,000			4	7	21	57			1	
New Jersey.....	304	322			29	15	2	1				
Pennsylvania.....	866	853		2	383	352	3	2	1			
Ohio.....	169	140	20	3	52	63	6	18				
Indiana.....	619	548	94	38	1	3	20	13	2			
Illinois.....	264	157	752	393	107	110	47	55	1	2	22	3
Michigan.....	26	13	18	10	1		3	32	1	1		
Wisconsin.....	159	117	1,514	1,365	47	29	11	6	4	2	6	3
Minnesota.....	1,488	1,431	1,315	976	332	338	67	62	93	73	98	145
Iowa.....	2,152	2,107	1,390	1,027	131	130	176	190	41	100	90	73
Missouri.....	23	46	119	58	11	4	8	7	5	10	30	17
North Dakota.....	35	20	83	51	11	10	3	2	1	1	4	3
South Dakota.....	55	21	89	49	25	11	7	10	5	4	12	
Nebraska.....	133	50	151	49	8	8	11	8	125	121	184	144
Kansas.....	33	15	49	16	9	5	37	17	28	30	137	150
Delaware.....	17	8			12	6						
District of Columbia.....	9	1										
Maryland.....	53	41		1	47	57	1					
Virginia.....	18	4			12	7		1				
West Virginia.....	1				1	1						
North Carolina.....	4	1		1	9	5						
Georgia.....												1
Kentucky.....	3	4	5	2	2	3	2					
Tennessee.....	12	7	2	2	3	1						
Mississippi.....		1		1								
Louisiana.....			1								1	
Oklahoma.....	24		2						6	2	13	2
Texas.....									2	1	12	3
Montana.....	2							1	2	4	3	
Idaho.....									5	2	35	26
Wyoming.....	1	1										
Colorado.....		1	7	40		1			6	3	23	27
New Mexico.....											1	
Utah.....	26	11	1						65	20	205	385
Nevada.....	1											
Washington.....	1								20	8	17	6
Oregon.....	18	6							14	21	13	5
California.....	1	1							724	734	731	571
Total.....	7,814	6,982	5,586	4,088	1,237	1,179	1,227	1,258	1,156	1,136	1,632	1,579

<sup>1</sup> Includes intermarket shipments. Reported in cases of 30 dozen. Parcel-post figures are included in totals as indicated: In 1946 receipts by parcel post were as follows: New York 2,000 cases; Chicago 4,000 cases; Boston 4,000 cases. In 1947 receipts by parcel-post were as follows: New York 2,000 cases; Chicago 4,000 cases; Boston 5,000 cases.

Production and Marketing Administration.

TABLE 588.—*Shell eggs: Average wholesale price per dozen, New York, Chicago, Philadelphia, Boston, and San Francisco, 1938-47*

Market and grade	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947
	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
New York: <sup>1</sup> Fresh Firsts.....	22.5	18.3	20.3	26.6	33.6	( <sup>2</sup> )	<sup>3</sup> 41.0	<sup>4</sup> 44.6	<sup>4</sup> 44.8	<sup>4</sup> 53.6
Chicago: <sup>5</sup> Fresh Firsts.....	21.3	17.6	18.9	25.5	33.4	( <sup>2</sup> )	<sup>3</sup> 39.5	<sup>4</sup> 42.9	<sup>4</sup> 43.2	<sup>4</sup> 51.0
Philadelphia: U. S. Extras.....	31.7	27.8	27.3	32.4	40.5	42.3	<sup>3</sup> 40.5	<sup>4</sup> 44.7	<sup>4</sup> 44.6	<sup>4</sup> 53.2
Boston: Western Firsts.....	22.5	18.3	( <sup>6</sup> )	27.1	34.6	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
San Francisco: U. S. Extras.....	27.1	24.3	24.0	31.2	39.8	47.6	<sup>7</sup> 45.6	<sup>7</sup> 48.3	<sup>7</sup> 50.5	<sup>7</sup> 59.4

<sup>1</sup> American Egg and Poultry Review, New York, 1938-42; subsequently U.S.D.A. quotations.<sup>2</sup> Prices comparable to former series not available on account of changes in grades under OPA Price Control.<sup>3</sup> Extras (grades 1-4) large, wholesale grade.<sup>4</sup> Grade of Extras, 1 and 2 large.<sup>5</sup> Chicago Price Current, 1938-42, and subsequently U.S.D.A. quotations.<sup>6</sup> Not available.<sup>7</sup> Grade "A."

Production and Marketing Administration.

TABLE 589.—*Egg futures: Volume of trading and annual average of month-end open contracts, Chicago Mercantile Exchange, 1938-47*

Year	Annual volume of trading	Average open contracts	Year	Annual volume of trading	Average open contracts	Year	Annual volume of trading	Average open contracts
1938.....	<i>Carlots</i> 44,292	<i>Carlots</i> 2,260	1942.....	<i>Carlots</i> 19,077	<i>Carlots</i> 1,140	1946.....	<i>Carlots</i> 143,083	<i>Carlots</i> 6,000
1939.....	47,323	2,621	1943 <sup>1</sup> .....	1,547	130	1947.....	132,335	2,704
1940.....	35,425	1,622	1944.....	28,135	1,202			
1941.....	54,522	2,213	1945.....	44,513	1,199			

<sup>1</sup> Effective Feb. 1, 1943, unit of trading changed from 400 to 600 case carlots.

Commodity Exchange Authority. Compiled from daily reports from exchange clearing members.

TABLE 590.—*Liquid egg: Production and disposition, United States, 1938-47*

Year	Production	Disposition (in terms of liquid egg)			
		Frozen	Dried	For immediate consumption	Frozen eggs, later dried <sup>1</sup>
	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.
1938.....	148,800	116,100	22,300	10,400	.....
1939.....	220,233	177,144	31,000	12,089	.....
1940.....	229,274	189,578	27,050	12,646	.....
1941.....	421,919	237,182	165,972	18,765	.....
1942.....	1,010,106	257,631	731,046	21,429	115,752
1943.....	1,221,012	412,615	782,080	26,317	159,346
1944.....	1,554,037	511,791	1,009,402	32,844	179,146
1945.....	681,571	397,580	265,287	18,704	122,167
1946.....	788,194	392,218	375,945	20,031	84,219
1947.....	682,480	371,096	295,567	15,817	20,538

## PRODUCTION BY CLASSES OF PRODUCT

Year	Whole	Mixed emulsions	Egg whites	Plain yolk	Sugared yolk	Salted yolk	Yolk emulsions
	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.
1938.....	48,360	14,582	46,723	16,368	14,434	8,035	298
1939.....	73,368	18,514	68,286	27,323	22,918	9,484	340
1940.....	76,348	18,160	70,845	23,386	22,698	17,654	183
1941.....	213,932	33,332	94,932	34,175	29,534	15,611	403
1942.....	818,982	57,333	70,654	28,443	22,073	11,825	796
1943.....	1,008,703	70,124	78,151	29,338	21,432	10,994	2,270
1944.....	1,355,114	39,369	84,343	42,774	19,143	11,167	2,127
1945.....	514,458	31,281	77,893	32,979	16,636	6,652	1,672
1946.....	540,574	53,055	108,402	44,070	25,296	16,264	533
1947.....	481,821	42,214	89,114	23,285	24,733	21,000	313

<sup>1</sup>Included in column which shows total frozen.

Bureau of Agricultural Economics. Of the totals shown in this table, the following quantities of liquid, frozen, and dried eggs were processed under Government supervision in recent years: 537,898,763 pounds in 1946, and 588,189,201 pounds in 1947.

TABLE 591.—*Dried egg: Production in United States, 1938-47*

Year	Whole	Albumen	Yolk	Total	Year	Whole	Albumen	Yolk	Total
	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.		1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.
1938.....	179	1,510	4,313	6,002	1943.....	252,903	2,093	6,976	261,972
1939.....	184	2,305	7,550	10,039	1944.....	311,369	2,310	7,063	320,742
1940.....	392	1,916	5,179	7,487	1945.....	96,988	1,710	7,164	105,862
1941.....	31,241	4,391	9,648	45,280	1946.....	115,344	2,112	7,988	125,444
1942.....	226,127	2,253	7,269	235,649	1947.....	80,037	1,493	4,031	85,561

Bureau of Agricultural Economics. Data for 1927-37 in Agricultural Statistics, 1943, table 461.

TABLE 592.—*Eggs and poultry: Quantities officially graded by Federal and Federal-State graders, 1938-47*

Year	Shell eggs	Dressed poultry <sup>1</sup>	Dressed turkeys <sup>2</sup>	Year	Shell eggs	Dressed poultry <sup>1</sup>	Dressed turkeys <sup>2</sup>
	<i>30-dozen cases</i>	<i>Pounds</i>	<i>Pounds</i>		<i>30-dozen cases</i>	<i>Pounds</i>	<i>Pounds</i>
1938.....	1,148,039	10,580,666	24,128,837	1943.....	6,693,975	70,271,923	67,106,162
1939.....	1,333,009	14,955,196	18,792,426	1944.....	13,696,136	113,580,769	44,520,374
1940.....	3,322,120	18,921,129	37,625,536	1945.....	9,307,276	163,738,179	86,264,674
1941.....	5,054,515	23,684,057	46,678,648	1946.....	14,096,381	149,293,214	108,513,095
1942.....	4,646,864	47,875,344	52,182,867	1947.....	11,334,107	164,775,065	106,370,084

<sup>1</sup> Includes all classes of poultry except turkeys.<sup>2</sup> On basis of fiscal years ending June of year shown except figures beginning with 1944, which are on a calendar year basis.

Production and Marketing Administration.

TABLE 593.—*Eggs: Quantity graded for packaging with certificates of quality and grade seals, 1938-47* <sup>1</sup>

Year	U. S. Grade AA <sup>2</sup>	U. S. Grade A <sup>3</sup>	U. S. Grade B <sup>4</sup>	Year	U. S. Grade AA <sup>2</sup>	U. S. Grade A <sup>3</sup>	U. S. Grade B <sup>4</sup>
	<i>30-dozen cases</i>	<i>30-dozen cases</i>	<i>30-dozen cases</i>		<i>30-dozen cases</i>	<i>30-dozen cases</i>	<i>30-dozen cases</i>
1938.....	82,991	134,967	96,023	1943.....	333,696	220,637	127,095
1939.....	90,873	126,945	81,265	1944.....	626,942	410,235	119,675
1940.....	86,102	159,321	93,622	1945.....	1,086,244	415,059	86,836
1941.....	78,507	170,605	116,487	1946.....	1,276,184	625,791	111,471
1942.....	65,935	208,726	150,329	1947.....	1,180,637	733,088	83,739

<sup>1</sup> The eggs in this tabulation are included in the data in table 592 showing total eggs graded.<sup>2</sup> Prior to 1943, designated as U. S. Specials.<sup>3</sup> Prior to 1943, designated as U. S. Extras.<sup>4</sup> Prior to 1943, designated as U. S. Standards.

Production and Marketing Administration.



TABLE 594.—*Poultry (dressed weight) and eggs: Total and per capita civilian consumption, United States, 1929-47*

Year	Eggs		Chickens		Turkeys		Year	Eggs		Chickens		Turkeys	
	Total	Per capita	Total	Per capita	Total	Per capita		Total	Per capita	Total	Per capita	Total	Per capita
	<i>Mil. doz.</i>	<i>Num-ber</i>	<i>Mil. lb.</i>	<i>Lb.</i>	<i>Mil. lb.</i>	<i>Lb.</i>		<i>Mil. doz.</i>	<i>Num-ber</i>	<i>Mil. lb.</i>	<i>Lb.</i>	<i>Mil. lb.</i>	<i>Lb.</i>
1929 .....	3,393	334	2,414	19.8	213	1.7	1939 .....	3,415	311	2,457	18.7	393	3.0
1930 .....	3,398	329	2,656	21.5	222	1.8	1940 .....	3,508	317	2,483	18.7	470	3.5
1931 .....	3,439	331	2,418	19.4	214	1.7	1941 .....	3,435	311	2,715	20.5	469	3.5
1932 .....	3,258	311	2,478	19.7	260	2.1	1942 .....	3,484	316	3,097	23.4	484	3.7
1933 .....	3,103	295	2,560	20.3	297	2.4	1943 .....	3,739	346	3,959	30.6	430	3.3
1934 .....	3,040	287	2,384	18.8	281	2.2	1944 .....	3,768	350	3,467	26.8	426	3.3
1935 .....	2,964	278	2,319	18.1	269	2.1	1945 .....	4,295	397	3,742	28.9	555	4.3
1936 .....	3,081	287	2,332	18.1	344	2.7	1946 .....	4,338	374	3,542	25.5	632	4.5
1937 .....	3,307	306	2,332	18.0	355	2.7	1947 .....	4,542	380	3,351	23.4	645	4.5
1938 .....	3,357	308	2,196	16.8	358	2.7							

<sup>1</sup> The per capita civilian consumption was obtained by dividing the total apparent civilian consumption by the total population adjusted for underenumeration of children under 5 years of age, and members of the armed forces not eating out of civilian supplies.

<sup>2</sup> Preliminary.

Bureau of Agricultural Economics. Data on eggs and chickens for 1909-28 in *Agricultural Statistics, 1944*, table 512.

TABLE 595.—*Poultry and poultry products: Cold-storage holdings as of the annual peak and low point, 1938-47*

Year	Shell eggs		Frozen eggs		Dried eggs <sup>1</sup>		Turkeys		Total poultry <sup>2</sup>	
	High (Aug. 1)	Low (Feb. 1)	High (Aug. 1)	Low (Mar. 1)	High	Low	High (Feb. 1)	Low (Oct. 1)	High (Jan. 1)	Low (June 1)
	<i>1,000 cases</i>	<i>1,000 cases</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
1938 .....	6,411	281	138,510	78,091	-----	-----	28,020	3,790	123,500	52,049
1939 .....	7,024	136	144,359	44,476	-----	-----	28,264	7,994	139,108	62,870
1940 .....	7,784	57	154,947	38,070	-----	-----	65,467	11,870	167,643	76,904
1941 .....	6,641	297	195,187	45,239	-----	-----	65,343	8,245	208,365	81,206
1942 .....	7,935	331	290,529	73,766	-----	-----	59,641	8,009	218,392	79,200
1943 .....	8,871	214	351,169	56,508	-----	-----	37,682	5,155	197,880	20,963
1944 .....	11,335	675	388,547	81,712	110,137	42,647	48,343	22,347	268,128	122,729
1945 .....	6,120	296	255,936	85,499	111,109	20,066	77,533	17,796	320,745	97,211
1946 .....	9,871	113	265,050	111,721	20,339	7,003	134,546	44,719	363,954	173,905
1947 .....	4,268	221	241,573	73,564	43,775	10,376	139,571	38,979	317,112	171,260

<sup>1</sup> Statistics of dried eggs were not gathered prior to 1944.

<sup>2</sup> Includes stocks of turkeys and other poultry.

<sup>3</sup> Mar. 1.

<sup>4</sup> July 1.

<sup>5</sup> Dec. 1.

<sup>6</sup> Sept. 1.

<sup>7</sup> Nov. 1.

<sup>8</sup> Aug. 1.

<sup>9</sup> Jan. 1.

<sup>10</sup> Feb. 1.

<sup>11</sup> Oct. 1.

Production and Marketing Administration.

# CHAPTER VIII

## STATISTICS OF FOREIGN TRADE IN AGRICULTURAL PRODUCTS

The term "foreign trade" applies to trade between the United States, including noncontiguous territories, and foreign countries. Trade between continental United States and noncontiguous territories is referred to as "shipments." The Philippine Islands and, prior to January 1, 1935, the Virgin Islands are included with foreign countries. Alaska, Hawaii, Puerto Rico, and since January 1, 1935, the Virgin Islands are noncontiguous territories.

Beginning January 1, 1940, trade with foreign countries through the customs district of the Virgin Islands is not included in United States trade statistics. Figures for shipments out of noncontiguous territories include small quantities to other noncontiguous territories. In statistics of foreign trade, forest products and distilled liquors are considered nonagricultural products, as distinct from strictly agricultural products. (Explanatory preface continued on page 479.)

TABLE 596.—Summary of the value of United States total and agricultural exports and imports, 1929-46

Year begin- ning July—	Total domestic exports	Agricultural exports			Total im- ports <sup>1</sup>	Agricultural imports <sup>2</sup>						Excess of domestic agricultural exports over supplemen- tary im- ports
		Domestic	Per- cent- age (do- mestic) of total ex- ports	For- eign (reex- ports)		Total	Supplemen- tary <sup>3</sup>	Complemen- tary <sup>4</sup>	Supplementary			
									Per- centage of total agri- cultural exports	Per- centage of total im- ports		
	Million dollars	Million dollars	Per- cent	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Per- cent	Per- cent	Million dollars	
1929.....	4,618	1,496	32	51	3,849	1,900	889	1,010	59	23	607	
1930.....	3,032	1,038	34	29	2,432	1,162	512	650	49	21	526	
1931.....	1,908	752	39	23	1,730	834	375	459	50	22	377	
1932.....	1,413	590	42	15	1,168	614	283	331	48	24	307	
1933.....	2,008	787	39	21	1,674	839	419	420	53	25	369	
1934.....	2,085	669	32	20	1,789	934	498	435	74	28	171	
1935.....	2,375	766	32	22	2,208	1,141	642	499	84	29	125	
1936.....	2,791	732	26	25	2,892	1,537	867	670	118	30	134	
1937.....	3,362	891	26	25	2,331	1,155	588	567	66	25	302	
1938.....	2,885	683	24	19	2,079	999	486	513	71	23	197	
1939.....	3,744	738	20	48	2,448	1,239	572	667	78	23	166	
1940.....	3,959	350	9	43	2,809	1,474	629	845	180	22	279	
1941.....	6,451	1,030	16	52	3,068	1,503	769	734	75	25	261	
1942.....	10,028	1,457	15	52	3,010	1,344	965	379	65	32	521	
1943.....	14,698	2,269	15	84	3,813	1,774	1,244	530	55	33	1,026	
1944 <sup>5</sup> .....	12,551	2,143	17	81	3,966	1,729	1,111	618	52	28	1,032	
1945 <sup>6</sup> .....	8,470	2,836	33	186	4,202	1,886	1,031	855	36	25	1,806	
1946 <sup>7</sup> .....	12,748	3,575	28	(*)	5,385	2,716	1,387	1,329	39	26	2,188	

<sup>1</sup> General imports prior to July 1933; subsequently, imports for consumption.

<sup>2</sup> General imports prior to July 1933, excepting wool, where imports for consumption have been used in order to show the degree of competitiveness.

<sup>3</sup> Supplementary agricultural imports consist of all imports similar to agricultural commodities produced commercially in the United States, together with all other agricultural imports interchangeable to any significant extent with such United States commodities. Complementary agricultural imports include all others, about 95 percent of which consist of rubber, coffee, raw silk, cacao beans, wool for carpets, bananas, tea, and spices.

<sup>4</sup> Excess of imports.

<sup>5</sup> Preliminary.

<sup>6</sup> Not available.

Office of Foreign Agricultural Relations. Compiled from official records of Bureau of the Census and of the United States Tariff Commission. Data for 1910-28 in Agricultural Statistics, 1942, table 687.

TABLE 597.—Agricultural products: Value of principal groups exported from and imported into the United States, 1941-46

Product	Year beginning July											
	Domestic exports					Imports for consumption						
	1941	1942	1943	1944	1945	1946	1941	1942	1943	1944	1945	1946
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
<b>Animals live:</b>												
Cattle.....	530	544	1,024	1,911	7,885	4,556	29,117	26,091	17,726	21,660	30,253	22,571
Horses.....	231	164	330	629	6,140	13,125	13,125	1,746	1,147	693	1,212	2,043
Mules, asses, and burros.....	126	53	590	534	452	2,386	3	4	469	8	14	10
Other live animals.....	466	566	1,329	2,611	2,967	3,126	* 696	* 840	* 469	* 3,307	* 501	* 761
<b>Dairy products</b>												
Butter.....	2,460	8,098	49,404	44,522	13,928	3,165	2,638	1,404	900	14	1,361	4,886
Cheese or lactarone.....	63	51	210	522	13,148	3,277	5,483	875	4,482	5,249	7,776	9,365
Milk, condensed and evaporated.....	48,754	54,255	66,998	75,232	81,045	52,737	3,223	5,321	3,736	5,876	4,207	7,015
Other dairy products.....	61,052	47,209	55,440	84,738	120,131	88,301	9	9	5	336	134	(*)
Eggs, in the shell.....	12,517	38,653	43,038	57,209	100,202	91,905	11	26	11	5	17	13
Egg products.....	5,648	1,100	637	1,983	8,906	26,284	1,694	207	126	370	466	462
Hides and skins, raw (except furs).....	121,243	187,638	324,736	269,181	105,172	118,514	677	158	1	118	192	7
Hides and skins, raw (except furs).....	1,745	498	417	558	9,642	16,123	84,102	77,914	58,671	52,427	46,738	86,600
<b>Meat and meat products:</b>												
Beef, canned, including corned.....	3,212	3,451	721	385	40,675	16,034	18,070	12,649	12,115	18,577	4,795	1,164
Other, uncooked meats.....	149,116	293,876	331,644	211,075	194,106	79,231	105	1,689	469	344	19	28
Hams, shoulders, bacon, and sides.....	53,809	69,945	67,526	37,067	5,456	7,231	165	819	354	19	488	48
Pork, pickled or salted.....	12,407	22,097	56,387	29,149	9,374	9,076	83	932	328	177	189	40
Other meats.....	11,014	73,034	217,232	106,449	93,930	70,542	5,250	2,015	3,377	12,644	5,677	3,126
Sausage casings.....	5,575	6,921	8,153	8,153	4,718	13,063	6,715	7,166	7,905	8,501	8,457	12,570
Lard, including neutral.....	78,364	78,531	146,370	139,311	74,936	85,486	(*)	124	23	71	(*)	1
Wool and mohair, unmanufactured.....	96,512	134,400	142,839	183,559	416,796	239,283	15,841	386,692	217,561	170,645	235,972	208,419
Cotton.....	1,007	957	2,383	2,569	882	3,533	4,985	17,732	14,967	18,929	28,818	41,594
<b>Fruits:</b>												
Apples, fresh.....	2,863	1,107	1,207	4,776	5,906	18,650	363	1,152	363	4,959	894	2,459
Grapes, fresh.....	1,443	2,459	3,253	3,905	4,965	6,754	187	73	27	86	21	65
Oranges, fresh.....	2,716	2,986	4,215	4,880	4,672	9,561	498	142	63	505	592	1,960
Pears, fresh.....	10,394	16,655	24,501	24,515	33,022	32,592	(*)	1	5	(*)	21	46
Prunes, dried.....	1,022	705	628	996	4,325	11,105	231	241	837	729	1,095	743
Raisins.....	11,859	9,175	13,124	12,820	10,013	22,456	1	2	(*)	(*)	26	1
Other fruit (except bananas and plantains).....	5,578	10,030	28,104	14,180	11,407	11,975	14	11	5	25	1	308
Other fruit (except bananas and plantains).....	27,623	29,616	55,964	52,979	54,180	80,475	9,706	12,567	21,636	20,038	41,611	40,050
<b>Grains and grain preparation:</b>												
Barley, grain.....	1,282	514	666	1,223	5,011	23,858	1,087	17,707	31,699	35,536	5,129	6,130
Rye, grain.....	2,693	3,984	5,975	8,191	13,812	11,913	1,581	838	722	353	5,241	4,402
Corn, including cornmeal.....	18,060	8,919	14,891	22,437	23,309	223,913	403	665	326	6,399	1,062	1,519
Oats, including oatmeal.....	3,923	2,515	3,423	4,948	20,569	28,125	556	25,917	56,811	40,952	16,306	1,156

See footnotes at end of table.

TABLE 597.—Agricultural products: Value of principal groups exported from and imported into the United States, 1941-46

—Continued—

Product	Year beginning July											
	Domestic exports						Imports for consumption					
	1941	1942	1943	1944 <sup>2</sup>	1945 <sup>3</sup>	1946 <sup>3</sup>	1941	1942	1943	1944 <sup>3</sup>	1945 <sup>3</sup>	1946 <sup>3</sup>
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Grains and grain preparations:												
Rice.....	24,755	28,293	33,957	35,201	52,905	74,770	362	539	279	18	454	162
Wheat and flour:	47	42	170	2,459	11,423	1,929	4,386	920	9,680	4,109	3,250	4,188
Grain:												
For domestic use.....							2,434	821	177,893	52,241	2,745	92
For milling in bond and export.....							8,430	6,055	12,892	11,349	15,746	3,189
Total wheat grain.....	11,025	8,607	16,247	36,403	431,892	409,433	10,864	6,877	190,755	63,590	18,491	3,281
Flour:												
Wholly of United States wheat.....	13,441	24,188	39,099	43,410	131,224	466,754						
Other wheat flour.....	8,305	7,617	15,235	14,846	21,200	15,738						
Total wheat flour.....	21,746	31,805	54,334	58,256	152,424	482,492	159	94	202	279	166	16
Other grains and preparations.....	3,631	7,714	14,549	15,023	22,216	36,905	406	1,789	4,438	700	286	613
Feeds and fodders:												
Oil cake and oil-cake meal.....	996	1,211	916	863	142	11,993	1,515	1,793	4,947	3,570	3,873	2,922
Other feeds and fodders <sup>4</sup> .....	1,107	872	1,602	1,547	10,214	36,217	0,953	9,861	19,781	15,535	23,247	15,096
Nuts.....	1,488	948	5,186	5,453	13,535	31,845	16,345	5,461	13,434	31,444	46,972	47,483
Oilseeds:												
Copra.....	99	0	0	0	0	0	8,920	8,085	0,343	7,940	8,522	86,584
Flaxseed.....	191	8	78	26	153	121	20,998	11,878	42,535	14,425	7,432	4,022
Soybeans.....	1,071	2,300	2,351	7,037	14,315	15,709	2	1	1	1	55	(*)
Other oilseeds.....	369	426	341	770	897	1,354	13,737	9,576	14,197	18,056	16,027	22,700
Oils and fats, expressed (vegetable):												
Coconut.....	1,483	69	15	22	3,249	7,148	10,528	2,728	2,518	2,802	700	2,780
Cottonseed.....	1,083	9,109	1,429	826	1,835	2,464	1,066	390	2,100	2,100	1,947	1
Linseed.....	5,124	11,752	42,769	28,231	2,903	3,099	5,915	4,289	3,146	10,016	10,016	45,500
Palm.....	7,518	745	718	17	758	3,471	2,779	3,286	4,564	1,679	5,267	5,267
Perilla.....	(*)	13	(*)	0	0	0	341	55	0	0	3	0
Soybean.....	1,449	5,622	4,322	13,455	8,761	20,704	(*)	0	(*)	0	(*)	0
Tung.....	73	607	602	1,116	119	533	7,822	23	557	10	1,965	35,808
Other vegetable oils and fats, expressed:												
Other vegetable oils and fats, expressed.....	4,047	17,645	10,889	8,441	5,446	7,680	26,839	23,667	3,473	6,235	38,710	43,778
Seeds, except oilseeds.....	9,965	18,444	11,073	19,592	21,942	19,837	3,673	2,220	3,473	6,306	8,036	8,036
Sugar.....	11,227	19,354	98,365	25,276	32,176	35,945	129,550	209,555	241,914	107,872	302,505	19,027
Molasses, maple sugar and sirup, and glucose.....	2,459	1,832	1,449	1,487	1,960	7,444	31,031	26,043	57,669	36,987	15,245	15,245
Tobacco, leaf.....	73,816	102,333	152,048	234,837	274,558	324,000	35,143	41,442	48,615	70,240	76,616	89,620

# VALUE OF EXPORTS AND IMPORTS

477

Tobacco, leaf.....	75,816	102,353	132,048	1,487	234,558	324,006	31,031	26,043	57,669	39,687	15,242	305,620
Vegetables and preparations:												
Beans:												
Green or unripe.....	319	346	553	527	577	560	93	36	200	11	262	380
Dried.....	11,198	14,870	10,487	21,218	7,945	19,382	427	122	554	223	2,160	702
Onions.....	1,403	1,334	1,847	1,976	3,848	4,430	111	296	286	53	826	271
Peas.....												
Green.....	76	78	88	195	228	248	45	746	966	643	480	313
Dried.....	2,537	3,899	13,689	17,475	26,369	21,988	43	57	138	24	471	131
Potatoes, white.....	2,805	2,221	4,548	3,098	21,843	21,438	619	1,458	2,039	11,716	2,910	6,132
Soya flour.....	(*)	4,880	5,033	6,775	0,858	0,858						
Vegetables, canned.....	17,580	7,415	25,449	29,223	18,685	18,379	476	145	6	294	144	1,774
Vegetables and soups, dehydrated.....	(*)	* 1,251	20,201	30,061	43,571	25,948						
Other vegetables and preparations.....	10,824	16,790	18,856	18,569	25,979	27,025	16,675	14,297	38,645	30,917	33,223	49,944
Silk, unmanufactured.....												
Wool, free in bond for use in carpets, etc.....												
Cocoa beans, cocoa, and chocolate.....	803	202	205	296	1,132	1,460						
Coffee ".....	893	377	423	334	3,161	4,400						
Tea.....												
Bananas and plantains.....												
Rubber, crude ".....												
Pepper.....	(*)	* 14	16	(*)	0	0						
Vanilla beans.....	(*)	(*)	4	0	0	0						
Licorice root.....												
Pyrethrum or insect flowers.....	11	3	(*)	49	45	93						
Total of above products.....	991,598	1,438,000	2,210,524	2,082,354	2,749,130	3,482,260	1,308,437	1,240,929	1,635,753	1,595,617	1,720,557	2,487,587
Other agricultural products.....	38,594	48,571	58,832	61,141	86,985	92,590	134,673	103,333	138,396	133,537	165,047	228,846
Total agricultural products ".....	1,030,192	1,486,571	2,269,356	2,143,495	2,836,115	3,574,850	1,503,110	1,344,262	1,774,149	1,729,154	1,885,604	2,716,433
Lend-lease.....												
UNRRA.....	18,738,281	1,223,177	1,842,546	1,829,436	670,070	(*)						
Other.....	291,881	263,494	426,830	581,293	1,470,876	(*)						
Total supplementary ".....												
Total complementary ".....												

Supplementary agricultural imports consist of all imports similar to agricultural commodities produced commercially in the United States, together with all other agricultural imports interchangeable to any significant extent with such United States commodities. Complementary agricultural imports include all others, about 95 percent of which consist of rubber, coffee, raw silk, cacao beans, wool for carpets, bananas, tea, and spices.

† Preliminary.

\* Includes horses and mules for immediate slaughter and teams of immigrants.

• Less than \$500.

• Imports exclude wool imported free in bond for manufacture of carpets, rugs, etc.

• Excludes corn, barley, oats, and wheat (unit for human consumption).

• Includes pain-herd oil.

• Not separately classified prior to Jan. 1, 1945.

• Jan. 1-June 30, 1943.

• Imports exclude coffee imported into the customs district of Puerto Rico.

• Excludes value of rubber salvaged from the high seas.

• Excludes exports of food for relief or charity by individuals or private agencies. The value of these exports for the period January-June 1942 was \$2,114,000. For the years beginning July 1, they are as follows: 1942, \$3,707,889; 1943, \$3,602,000; 1944, \$4,778,000; 1945, \$2,047,000; and 1946, \$3,911,000.

• Mar. 11, 1941-June 30, 1942.

• Sept. 1944-June 1945.

• Not available.

Office of Foreign Agricultural Relations. Compiled from official records of Bureau of the Census and the United States Tariff Commission. Data for 1938-40 in Agricultural Statistics, 1942, table 688.

TABLE 598.—*Agricultural products: Value of trade between continental United States and noncontiguous Territories, 1929-46*

Year beginning July—	Shipments							
	To the United States from—				From the United States to—			
	Hawaii	Puerto Rico	Alaska	Virgin Islands <sup>1</sup>	Hawaii	Puerto Rico	Alaska	Virgin Islands <sup>1</sup>
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1929.....	98,069	75,484	325	-----	17,372	26,378	8,277	-----
1930.....	102,919	75,033	280	-----	15,870	23,695	6,565	-----
1931.....	92,189	67,481	114	-----	14,480	17,635	5,207	-----
1932.....	79,739	58,628	31	-----	11,693	16,317	4,581	-----
1933.....	86,775	65,770	87	-----	14,943	19,138	5,686	-----
1934.....	91,460	60,027	137	88	17,311	22,619	7,513	186
1935.....	110,605	75,185	90	242	19,509	26,518	8,293	426
1936.....	119,322	86,590	117	496	19,052	27,571	8,300	474
1937.....	106,891	62,447	86	416	21,076	25,779	8,066	596
1938.....	90,240	64,379	52	240	20,337	21,200	8,734	528
1939.....	99,053	66,776	69	521	23,111	27,684	8,504	619
1940.....	109,309	70,460	70	139	32,155	31,685	10,368	715
1941.....	96,764	75,803	81	222	34,573	40,247	14,786	1,178
1942.....	98,877	69,209	14	52	29,994	12,115	16,244	1,545
1943.....	98,601	74,335	11	319	36,887	13,392	13,914	1,418
1944.....	76,299	66,630	6	570	40,497	22,391	13,795	1,354
1945.....	95,962	107,378	57	184	59,151	57,572	16,327	2,581
1946.....	-----	-----	-----	-----	-----	-----	-----	-----

<sup>1</sup> Reported as a foreign country prior to Jan. 1, 1935.<sup>2</sup> January-June, 1935.<sup>3</sup> Preliminary.<sup>4</sup> Not available when this table was prepared.

Office of Foreign Agricultural Relations. Compiled from official records of Bureau of the Census. Data for 1922-28 in Agricultural Statistics, 1942, table 689.

TABLE 599.—*Index numbers of quantities of United States agricultural exports, 1929-46*

[Calendar years 1924-29=100]

Year beginning July—	Total agricultural <sup>1</sup>	Cotton, including linters	Agricultural, except cotton	Tobacco, unmanufactured	Fruits	Wheat and flour	Other grains	Pork, cured	Lard, including neutral
1929.....	85	84	87	118	92	83	54	71	102
1930.....	79	83	76	116	129	71	28	42	76
1931.....	86	106	67	82	114	74	23	27	70
1932.....	75	102	50	76	101	22	27	25	72
1933.....	74	99	52	92	105	20	17	27	70
1934.....	49	60	38	70	86	12	13	22	29
1935.....	57	76	40	86	118	8	16	15	11
1936.....	51	68	36	82	86	12	9	13	13
1937.....	70	70	70	94	114	58	141	16	24
1938.....	57	43	70	95	137	63	95	21	30
1939.....	63	77	50	67	88	29	58	17	33
1940.....	25	15	34	35	38	22	46	7	24
1941.....	49	14	82	61	62	19	51	70	84
1942.....	55	15	92	62	52	18	36	81	70
1943.....	67	15	115	74	70	27	39	75	106
1944.....	64	20	105	97	69	31	49	39	109
1945.....	96	43	146	110	75	175	69	6	57
1946.....	101	46	159	122	99	201	168	8	41

<sup>1</sup> Based on data for 74 agricultural export classifications.<sup>2</sup> Preliminary.

Office of Foreign Agricultural Relations. Compiled from official records of Bureau of the Census. Data for 1915-28 in Agricultural Statistics, 1946, table 571.

TABLE 600.—*Index numbers of quantities of United States agricultural imports, 1929-46*

(Calendar years 1924-29=100)

Year beginning, July—	Total agricultural <sup>1</sup>	Complementary <sup>2</sup>	Supplementary <sup>2</sup>	Sugar	Supplementary, except sugar	Wool, excluding free for carpets	Hides and skins	Dairy products	Vegetable oils and oil-seeds	Grains, grain products, and feeds	Tobacco, leaf
1929.....	106	110	101	88	106	83	126	88	116	83	87
1930.....	95	110	75	81	73	29	70	58	98	127	84
1931.....	90	108	69	80	64	19	65	54	91	75	79
1932.....	79	94	60	78	53	8	54	51	79	52	64
1933.....	92	106	74	72	74	39	85	41	110	124	48
1934.....	90	97	83	79	84	19	54	67	113	314	62
1935.....	103	106	98	80	105	70	81	56	143	325	72
1936.....	116	115	118	75	134	126	82	80	154	550	74
1937.....	92	102	80	73	82	30	50	52	124	145	66
1938.....	91	102	77	66	81	46	71	50	116	79	75
1939.....	102	113	87	82	89	112	76	51	103	111	75
1940.....	128	146	104	89	110	328	104	22	93	118	79
1941.....	102	100	104	62	121	389	116	32	98	119	77
1942.....	78	44	122	48	150	868	103	36	43	220	92
1943.....	89	61	125	82	140	488	70	21	57	805	80
1944 <sup>3</sup> .....	84	68	105	91	111	381	57	5	53	445	86
1945 <sup>3</sup> .....	87	82	93	52	109	546	45	17	43	123	84
1946 <sup>3</sup> .....	102	104	98	72	108	457	51	21	81	38	100

<sup>1</sup> Based on data for 122 agricultural import classifications.<sup>2</sup> Supplementary agricultural imports consist of all imports similar to agricultural commodities produced commercially in the United States, together with all other agricultural imports interchangeable to any significant extent with such United States commodities. Complementary agricultural imports include all others, about 95 percent of which consist of rubber, coffee, raw silk, cacao beans, wool for carpets, bananas, tea, and spices.<sup>3</sup> Preliminary.

Office of Foreign Agricultural Relations. Compiled from official records of Bureau of the Census and the United States Tariff Commission. Data for 1915-28 in Agricultural Statistics, 1946, table 572.

## Preface, continued from page 474:

Export statistics include commercial, United States Foreign Relief, Interim Aid, Greek-Turkish Aid, UNRRA, and Lend-Lease. Beginning January 1, 1947, they also include exports under the Army Civilian Supply Program, for which comparable data for earlier years are not available at the Bureau of the Census. Excluded from the export figures are shipments to the United States armed forces abroad for their own use, shipments between continental United States and the territories and possessions, and shipments between the territories and possessions. Prior to July 1945, shipments by and for the account of, or consigned to, United States Government agencies and establishments abroad, were also excluded. The value of food exported for relief and charity by individuals or private agencies, for which separate commodity detail is not available, is not included in agricultural exports. (See footnote 12 on page 477.)



TABLE 601.—Exports of principal domestic agricultural products, 1934-46

Year beginning July—	Dairy products						Poultry products		Meats, etc.		
	Butter	Cheese	Milk and cream				Eggs		Beef and veal		
			Evaporated (un-sweetened)	Condensed (sweetened)	Dried, whole	Nonfat dried, solids	In the shell	Dried	Fresh or frozen	Pickled or cured	Canned
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 dozen	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1934.....	761	1,344	39,549	7,881	1,648	1,057	1,862	(1)	5,519	9,801	2,653
1935.....	1,098	1,137	25,474	3,488	1,709	1,665	2,112	(1)	4,697	5,909	1,761
1936.....	840	1,076	22,395	3,334	1,922	1,684	1,940	(1)	4,315	7,949	2,636
1937.....	971	1,336	22,418	9,276	2,525	4,962	2,388	(1)	3,911	5,912	2,248
1938.....	2,277	1,497	24,294	2,603	5,466	3,911	2,238	(1)	5,454	6,353	1,813
1939.....	2,656	1,703	35,591	4,314	6,575	2,053	4,138	(1)	7,534	9,163	1,215
1940.....	2,875	22,794	189,695	60,725	10,313	16,960	17,047	(1)	7,449	7,469	453
1941.....	6,732	208,555	681,129	53,733	14,358	53,592	19,108	\$75,930	10,349	10,641	10,703
1942.....	19,727	215,314	476,974	15,886	22,482	223,060	2,536	184,972	8,894	5,264	10,985
1943.....	111,850	232,741	466,705	45,435	37,844	187,529	1,331	258,819	32,214	10,954	2,689
1944.....	80,072	242,324	537,979	112,579	45,059	207,376	4,964	210,689	6,665	5,100	1,161
1945.....	31,587	249,499	873,504	92,593	143,586	196,146	20,175	84,446	280,233	9,648	150,480
1946.....	4,840	153,500	580,487	75,100	103,157	176,681	56,960	86,364	99,575	5,524	54,104

Year beginning July—	Meats, etc.—Continued							Fruits			
	Pork					Canned meats		Lard, including neutral lard	Fresh		
	Fresh or frozen	Pickled or salted	Canned	Hams and shoulders, cured	Bacon and sides	Sausage	Other meats		Grapefruit	Lemons	Oranges
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 boxes	1,000 boxes	1,000 boxes
1934.....	26,436	14,704	9,978	64,561	11,990	1,229	973	227,403	954	384	4,092
1935.....	3,230	7,488	7,749	46,720	4,339	1,074	1,327	80,577	1,085	726	5,446
1936.....	3,709	9,975	8,097	39,257	3,986	1,546	2,786	103,711	703	332	3,084
1937.....	6,758	11,376	7,619	48,298	5,601	1,181	1,781	100,100	873	456	5,932
1938.....	16,196	13,295	9,433	58,724	13,266	1,584	1,731	239,469	1,306	869	7,581
1939.....	53,216	18,572	9,100	36,855	22,612	1,652	2,435	256,804	831	610	3,854
1940.....	9,167	27,403	4,526	17,607	7,549	2,145	12,649	187,102	808	500	4,172
1941.....	18,341	74,040	154,869	86,827	168,538	246,678	44,060	664,066	864	531	4,564
1942.....	190,380	139,208	249,182	108,148	179,151	432,400	84,791	552,180	1,058	450	4,877
1943.....	609,473	320,745	177,997	143,813	130,458	272,140	439,527	839,182	1,189	495	5,871
1944.....	355,194	193,137	112,730	69,260	73,498	230,567	208,582	857,597	1,323	515	5,962
1945.....	59,010	55,790	73,557	12,123	9,897	70,535	552,712	452,649	1,919	607	7,567
1946.....	28,945	48,611	46,841	3,898	26,493	20,714	229,908	322,711	2,793	476	8,159

Year beginning July—	Fruits—Continued										
	Fresh, continued				Dried or evaporated						
	Apples <sup>a</sup>	Grapes	Peaches	Pears	Apples <sup>a</sup>	Apricots	Peaches	Pears	Prunes	Raisins	Fruits for salad
	1,000 bushels	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1934.....	8,062	35,712	4,584	100,635	24,485	15,196	6,351	5,687	152,716	93,890	11,396
1935.....	12,239	37,352	10,041	124,144	34,508	26,588	6,097	7,560	217,639	109,016	14,472
1936.....	6,755	46,116	16,071	131,318	22,922	29,365	7,045	7,352	163,952	112,332	8,987
1937.....	10,958	70,028	8,154	134,747	27,852	32,684	6,349	5,578	214,792	141,370	12,978
1938.....	12,071	79,857	10,436	170,971	35,054	28,840	8,238	8,716	214,032	153,244	20,862
1939.....	3,216	59,961	8,779	93,061	17,074	31,921	5,159	4,931	119,046	126,771	15,011
1940.....	867	61,046	7,823	23,565	3,526	2,908	1,604	787	38,035	86,332	3,581
1941.....	1,830	64,203	5,987	23,431	15,749	14,624	6,940	6,407	202,101	101,333	3,029
1942.....	435	44,051	6,044	10,087	11,044	10,730	10,510	1,700	100,641	147,158	2,112
1943.....	317	47,503	11,106	6,043	14,806	12,074	14,671	3,710	122,774	237,507	( <sup>b</sup> )
1944.....	1,287	44,805	10,104	11,782	9,977	15,793	25,773	5,954	91,194	187,580	15
1945.....	1,310	58,133	21,874	48,904	3,692	2,737	4,193	1,226	154,414	110,606	3,838
1946.....	5,179	72,182	20,475	107,676	9,250	6,859	25,363	1,211	137,740	60,738	20,511

See footnotes at end of table.

## EXPORTS OF PRINCIPAL PRODUCTS

481

TABLE 601.—Exports of principal domestic agricultural products, 1934-46  
—Continued

Year beginning July—	Fruits—Continued										
	Dried-Con.		Canned								
	Other dried fruits	Total dried fruits	Apples, incl. sauce	Apri- cots	Grape- fruit	Peaches	Pears	Pine- apples	Fruits for salad	Other canned fruits	Total canned fruits
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1934.....	3,335	313,056	13,467	10,549	28,866	50,419	71,379	19,111	31,154	11,556	236,501
1935.....	5,088	420,968	21,589	26,754	29,921	102,957	82,316	23,691	40,426	13,157	340,811
1936.....	5,140	357,095	12,063	23,731	34,537	60,244	66,882	23,878	38,308	11,504	271,147
1937.....	4,445	446,048	11,924	26,930	34,756	56,388	59,125	25,194	32,602	9,370	259,279
1938.....	3,375	472,361	14,999	33,076	44,589	96,651	77,287	22,164	43,148	17,301	349,215
1939.....	3,602	324,116	12,926	33,145	53,702	86,410	61,917	20,501	46,389	20,091	335,081
1940.....	4,172	140,945	704	610	480	3,963	2,447	1,585	3,312	3,480	16,581
1941.....	21,104	371,287	1,757	6,040	1,273	17,962	16,759	1,916	4,115	32,978	82,800
1942.....	3,739	287,634	586	12,011	157	12,037	5,701	563	1,277	3,902	36,234
1943.....	3,614	409,096	3,779	9,661	3,358	29,888	22,973	16,253	11,144	26,533	123,579
1944.....	2,197	338,483	500	21,751	1,502	35,541	12,298	15,056	4,803	2,416	93,857
1945.....	2,657	283,383	1,135	31,443	116	26,922	11,575	21,903	17,390	5,898	116,382
1946.....	8,724	270,396	2,661	33,242	44,610	51,682	16,805	17,333	30,416	13,992	210,741

Year beginning July—	Grain, meal, and flour (in terms of grain) <sup>7</sup>						Vegetable oils				
	Barley <sup>8</sup>	Corn	Oats	Rice, cleaned <sup>9</sup>	Rye <sup>10</sup>	Wheat <sup>11</sup>	Corn oil <sup>12</sup>	Cotton-seed oil <sup>13</sup>	Lin-seed oil	Cocoa butter	Coco-nut oil <sup>14</sup>
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 pounds	1,000 bushels	1,000 bushels	1,000 pounds	1,000 pounds	*1,000 pounds	1,000 pounds	1,000 pounds
1934.....	4,126	2,324	1,147	122,876	( <sup>9</sup> )	21,532	880	5,495	795	4,728	24,406
1935.....	9,926	816	1,430	84,689	9	15,929	810	3,571	1,022	2,956	15,924
1936.....	5,269	553	912	52,016	248	21,584	659	3,315	1,096	1,153	9,490
1937.....	17,775	103,752	12,331	310,550	6,578	107,194	215	7,806	821	1,957	8,591
1938.....	11,292	67,021	5,106	343,958	784	115,784	111	4,212	815	2,959	8,501
1939.....	4,827	35,438	1,393	304,989	732	54,274	272	18,590	4,552	24,958	33,731
1940.....	1,987	21,866	1,256	394,002	245	40,557	218	15,744	5,262	9,782	66,393
1941.....	3,421	20,221	4,775	458,353	23	35,833	311	7,796	41,285	6,632	15,801
1942.....	2,178	9,062	3,186	424,431	15	33,403	10,019	58,194	83,764	1,214	426
1943.....	3,144	10,929	3,465	498,974	110	51,108	474	9,571	291,755	2,474	65
1944.....	4,694	15,769	5,021	509,166	1,747	56,711	192	8,121	185,778	965	83
1945.....	9,256	13,786	21,247	712,438	6,229	318,695	401	5,895	20,042	1,598	39,907
1946.....	16,000	108,334	23,380	841,359	573	367,207	172	7,479	933	1,503	43,138

Year beginning July—	Vegetable oils—Continued		Tobacco, unmanufactured							
			Leaf							
	Peanut oil <sup>15</sup>	Soy-bean oil <sup>16</sup>	Bright flue- cured	Burley	Dark-fired Kentucky and Ten- nessee	Dark Virginia	Mary- land and Ohio export	Other leaf tobacco	Total leaf tobacco	Stems, trim- mings, and scrap
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1934.....	3,353	214,473	14,664	63,565	10,516	5,624	14,505	553,347	21,311	
1935.....	4,410	322,702	8,609	54,936	9,748	5,932	15,522	417,539	15,129	
1936.....	4,850	302,640	11,123	51,286	9,855	5,449	14,651	395,004	21,880	
1937.....	6,589	261,019	11,264	45,381	8,209	4,311	12,440	443,524	16,039	
1938.....	5,582	362,501	10,675	47,636	8,958	4,944	14,957	449,671	24,087	
1939.....	2,962	16,640	252,208	11,590	35,029	6,139	8,885	10,950	320,810	21,344
1940.....	5,522	16,007	135,617	4,885	1,575	3,004	1,006	5,775	162,662	16,964
1941.....	3,957	12,456	253,768	5,592	7,544	3,163	1,614	5,851	277,332	1,476
1942.....	641	40,890	251,836	4,869	10,724	6,888	2,063	6,370	281,750	192
1943.....	460	31,571	309,453	6,362	10,180	4,680	1,229	4,217	336,151	775
1944.....	157	88,259	395,700	6,260	28,802	3,363	1,712	9,144	445,060	746
1945.....	531	53,131	423,885	24,353	48,509	8,965	4,463	16,117	526,292	9,586
1946.....	707	86,868	460,586	36,958	25,150	7,274	5,882	14,962	570,812	21,204

See footnotes at end of table.

TABLE 601.—Exports of principal domestic agricultural products, 1934-46  
—Continued

Year beginning July—	Other principal agricultural products									
	Cotton and linters		Oil cake and oil-cake meal		Glucose and grape sugar	Hops	Sugar	Starch		
	Cotton	Linters	Cotton-seed	Lin-seed				Corn-starch and flour	Other starch	Total starch
					1,000 bales <sup>11</sup>	1,000 bales <sup>11</sup>	1,000 tons <sup>12</sup>			
1934	5,966	262	2	170	32,310	6,735	152	39,932	535	40,467
1935	6,397	305	9	206	39,119	6,349	94	54,526	815	55,341
1936	5,722	340	4	251	31,522	2,723	76	31,848	1,035	32,883
1937	5,899	352	70	248	46,972	5,603	58	*121,744	826	122,570
1938	3,605	269	17	239	52,749	4,173	80	197,739	1,187	198,926
1939	6,471	433	6	191	131,588	8,058	210	223,643	2,680	226,323
1940	1,253	30	1	3	41,782	9,031	60	231,903	5,944	237,937
1941	1,202	41	1	6	42,908	10,158	133	229,396	14,029	243,425
1942	1,263	17	2	9	17,799	8,108	220	216,407	28,512	244,919
1943	1,281	74	1	1	17,360	7,055	615	126,314	5,235	131,549
1944 <sup>1</sup>	1,673	61	(*)	1	20,161	8,524	208	143,675	6,076	149,751
1945 <sup>1</sup>	3,629	27	(*)	(*)	16,356	14,598	293	63,013	4,778	67,791
1946 <sup>1</sup>	3,935	60	5	2	62,360	12,159	277	224,046	27,578	251,624

<sup>1</sup> Not separately classified prior to January 1941.<sup>2</sup> January to June.<sup>3</sup> Preliminary.<sup>4</sup> Includes barrels, baskets, and boxes (1 barrel=3 bushels; 1 basket or box=1 bushel).<sup>5</sup> Includes apple waste (except pomace).<sup>6</sup> Less than 500.<sup>7</sup> Conversion factors used: Barley malt, 1.1 bushels=1 bushel barley prior to 1944, 1 bushel malt (34 pounds)=1 bushel barley (48 pounds) 1944 to date; cornmeal, 1 barrel=4 bushels corn; oatmeal, 18 pounds=1 bushel of oats prior to 1943, 13.17 pounds of oatmeal=1 bushel of oats 1943 to date; paddy or rough rice, 162 pounds=105.3 pounds cleaned or milled (conversion factor revised retroactive to 1930); rice flour and meal, 1 pound=1 pound of cleaned or milled; rye flour, 1 barrel=6 bushels of rye; wheat flour, 1 barrel=4.7 bushels of wheat.<sup>8</sup> Includes malt.<sup>9</sup> Includes paddy or rough, beginning Jan. 1, 1933.<sup>10</sup> Grain only, beginning Jan. 1, 1933.<sup>11</sup> Includes domestic flour and flour ground from imported wheat.<sup>12</sup> Includes crude and refined.<sup>13</sup> Refined only, prior to 1941; 1941 to date includes crude and refined.<sup>14</sup> Bales of 500 pounds, gross.<sup>15</sup> Tons of 2,240 pounds.<sup>16</sup> Tons of 2,000 pounds.

Office of Foreign Agricultural Relations. Compiled from official records of Bureau of the Census. Data for 1915-33 in Agricultural Statistics, 1942, table 693.

## IMPORTS OF PRINCIPAL PRODUCTS

483

TABLE 602.—Imports (for consumption) of principal agricultural products, 1934-46

Year beginning July—	Dairy products							Eggs and egg products				
	Milk, fresh	Cream, fresh	Cheese				Butter	In the shell	Dried			
			Swiss	Ched- dar	Other	Total			Whole	Yolks	Al- bumen	
	1,000 gallons	1,000 gallons	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 dozen	1,000 pounds	1,000 pounds	1,000 pounds	
1934.....	23	1	6,734		41,712	48,446	22,393	384	377	3,116	1,140	
1935.....	42	7	6,505	13,833	39,042	49,380	5,855	314	437	4,349	2,013	
1936.....	47	95	10,936	9,852	44,906	65,694	14,786	559	686	5,521	2,801	
1937.....	14	85	13,343	2,804	39,343	55,490	2,537	260	358	2,817	1,745	
1938.....	8	1	13,017	2,008	39,652	54,677	1,151	291	114	258	666	
1939.....	22	1	12,106	5,607	37,578	55,291	1,184	270	58	1,471	300	
1940.....	16	1	2,289	601	19,423	22,313	1,811	313	13	2,556	291	
1941.....	11	1	436	5	15,327	15,768	16,465	10,064	45	1,769	288	
1942.....	132	1	379	6,862	23,462	30,703	7,588	622	9	280	48	
1943.....	108	(?)	1,692	78	17,464	19,234	3,678	274	1	(?)	1	
1944 <sup>1</sup> .....	0	(?)	90	18	3,914	4,022	30	1,014	(?)	28	87	
1945 <sup>1</sup> .....	0	0	65	359	13,316	13,740	3,869	787	2	105	108	
1946 <sup>1</sup> .....	1	(?)	595	10	15,069	15,674	10,628	710	1	(?)	2	

Year beginning July—	Eggs and egg products—Continued			Tallow, edible and inedible	Casein or lactarene	Beef and veal		Hides and skins (except furs)				
	Frozen or otherwise prepared or preserved					Fresh	Canned, incl. corned	Cattle, excluding calf and kip		Goat and kid	Other hides and skins	Total hides and skins <sup>1</sup>
								Wet (over 25 pounds)	Dry (over 25 pounds)			
		1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1934.....	5	1,006	0	190,138	1,784	5,038	69,489	86,157	411	60,714	64,532	211,814
1935.....	0	666	(?)	133,005	11,396	6,387	88,192	147,083	3,767	82,668	93,622	327,140
1936.....	25	1,499	0	57,662	11,414	3,537	80,123	133,775	5,305	86,379	101,705	327,164
1937.....	1	887	(?)	1,751	954	3,801	84,303	68,688	1,131	56,938	61,092	188,449
1938.....	(?)	168	0	1,062	538	2,124	80,633	106,275	3,682	68,558	101,859	280,474
1939.....	(?)	0	0	1,834	27,351	3,034	82,942	129,144	9,970	69,167	109,430	317,711
1940.....	(?)	12	0	5,560	36,412	26,690	62,467	250,676	22,443	68,075	123,877	474,071
1941.....	(?)	0	0	76,241	31,885	33,563	123,819	288,082	41,210	74,998	129,387	533,677
1942.....	(?)	42	0	56,626	5,216	4,165	76,224	224,314	27,013	56,143	153,621	461,091
1943.....	0	0	0	57,507	46,331	1,710	68,086	109,705	19,605	44,455	128,948	302,713
1944 <sup>1</sup> .....	47	(?)	(?)	65,955	55,841	3,206	108,578	62,813	9,116	36,802	130,102	238,833
1945 <sup>1</sup> .....	2	0	0	3,852	47,494	2,908	28,252	15,230	5,200	28,288	126,596	175,314
1946 <sup>1</sup> .....	2	(?)	0	1,216	28,678	2,450	4,084	35,745	12,793	53,503	101,539	203,580

Year beginning July—	Wool, unmanufactured			Fibers, unmanufactured					Fruits		
	Duti- able	Free in bond for manu- facture	Total wool	Cot- ton <sup>1</sup>	Silk	Jute and jute butts	Manila or abaca	Sisal and hene- quen	Other fibers <sup>1</sup>	Avoca- dos	Banan- as
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 bales	1,000 pounds	1,000 tons <sup>1</sup>	1,000 tons <sup>1</sup>	1,000 tons <sup>1</sup>	1,000 tons <sup>1</sup>	1,000 pounds	1,000 bunches
1934.....	27,466	95,322	122,788	116	61,104	49	40	74	31	5,622	51,987
1935.....	101,209	146,178	247,387	148	61,137	87	48	151	39	7,530	54,684
1936.....	181,413	188,318	369,731	266	66,889	97	40	119	52	9,118	63,963
1937.....	42,554	70,583	113,137	160	50,891	78	31	123	26	11,383	63,478
1938.....	65,969	129,694	195,663	166	52,082	38	33	104	31	10,315	68,180
1939.....	161,661	147,784	309,445	173	45,625	46	56	144	40	7,384	54,080
1940.....	472,803	177,175	649,978	203	47,719	56	70	131	42	11,707	51,658
1941.....	561,273	132,408	693,681	203	4,445	80	79	162	74	10,684	42,593
1942.....	1,294,518	35,765	1,330,283	182	(?)	109	1	177	34	1,730	20,937
1943.....	703,674	35,681	739,355	145	0	52	1	187	32	3,436	28,459
1944 <sup>1</sup> .....	551,381	93,045	644,426	186	30	30	9	172	28	2,035	38,187
1945 <sup>1</sup> .....	808,355	237,010	1,045,365	324	6,391	78	20	128	23	892	45,544
1946 <sup>1</sup> .....	659,695	194,024	853,719	304	8,348	15	55	114	37	4,889	58,923

See footnotes at end of table.

TABLE 602.—Imports (for consumption) of principal agricultural products, 1934-46—Continued

Year beginning July—	Fruits—Continued			Nuts							Oilseeds	
	Lemons	Limes in nat- ural state or in brine	Olives in brine	In terms of shelled *					Cashew	Chest- nuts includ- ing marrons	Castor- beans	Copra
				Al- monds	Brazil or cream	Peanuts	Wal- nuts, Persian (Eng- lish)					
	1,000 boxes *	1,000 boxes *	1,000 gallons	1,000 pound-	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1934.....	8	80	6,821	2,987	16,343	244	5,645	17,945	14,844	70,553	327,269	
1935.....	79	129	6,442	10,756	21,689	210	4,292	21,166	16,000	142,682	464,252	
1936.....	28	153	6,493	11,441	18,452	1,364	4,980	25,721	13,149	138,761	405,784	
1937.....	60	109	5,444	3,073	12,790	4,568	4,741	26,117	22,213	142,321	566,651	
1938.....	0	45	6,393	1,506	19,092	5,641	3,897	29,350	15,754	135,105	467,470	
1939.....	(?)	52	6,907	1,375	21,088	5,774	4,570	25,404	14,420	196,440	559,683	
1940.....	(?)	53	7,018	1,986	29,332	4,273	4,577	33,395	8,891	307,785	555,991	
1941.....	(?)	47	4,928	3,723	19,364	1,889	2,791	31,549	2,762	391,108	590,990	
1942.....	(?)	55	7,330	1,012	13,620	2,683	254	8,898	1,637	218,570	219,786	
1943.....	(?)	74	9,348	11,327	1	1,240	2	7,330	968	341,592	183,926	
1944.....	(?)	57	9,847	22,548	(?)	37,517	22	18,945	722	342,642	242,376	
1945.....	(?)	71	10,532	18,266	8,373	21,470	383	29,721	301	261,868	314,152	
1946.....	6	67	8,572	9,049	18,722	2	837	30,468	7,041	237,944	1,306,534	

Year beginning July—	Oilseeds—Continued						Vegetable oils and fats				
	Flax- seed	Palm nuts and kernels	Poppy- seed	Rape- seed	Sesame seed	Soy- beans	Castor oil	Cocoa butter	Coco- nut oil	Cotton- seed oil	Lin- seed oil
	1,000 bushels	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1934.....	15,332	43,084	8,505	28,390	146,408	322	434	8	300,759	113,354	3,086
1935.....	15,388	15,193	6,570	24,322	118,083	208	147	14	349,691	145,910	1,161
1936.....	26,066	64,503	7,582	13,695	23,724	1,005	825	24	318,584	201,325	452
1937.....	17,861	51,088	7,511	7,368	4,072	185	(?)	12	344,775	70,673	243
1938.....	18,744	26,537	9,163	9,860	9,424	140	2	16	379,652	68,570	64
1939.....	13,212	16,973	8,358	6,742	15,485	117	40	14	319,565	10,793	18
1940.....	11,198	26,443	2,349	4,359	9,220	71	382	618	371,927	5,164	69
1941.....	23,270	2,782	2,550	2,152	9,743	28	1,971	1,253	288,579	31,043	56
1942.....	6,329	973	1,022	233	6,127	18	7,027	116	43,717	13,043	55,584
1943.....	16,940	10,899	315	2,577	6,250	18	23,679	6,277	42,668	4,272	84,580
1944.....	5,058	112,372	1,763	446	2,568	10	7,419	4,482	46,522	20,130	27,112
1945.....	3,429	19,209	2,664	1,801	4,329	260	4,124	3,021	10,181	18,921	105,452
1946.....	1,353	50	2,489	267	8,198	1	9,476	4,651	16,336	1	168,251

Year beginning July—	Vegetable oils and fats—Continued							Farinaceous substances			
	Olive oil	Palm oil	Palm kernel oil	Peanut oil	Perilla oil	Rape- seed oil	Soy- bean oil	Tung oil	Arrow- root <sup>10</sup>	Sago	Tapi- oca <sup>10</sup>
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1934.....	115,153	193,412	32,933	59,928	42,002	35,738	11,344	112,372	4,020	18,962	152,940
1935.....	104,788	326,719	35,395	66,049	113,766	74,310	11,284	149,893	4,662	28,543	222,334
1936.....	96,666	354,748	95,661	45,088	54,870	25,380	22,237	147,510	6,126	39,791	390,803
1937.....	75,681	373,222	58,721	21,303	41,025	7,045	12,137	129,351	6,126	17,418	308,426
1938.....	104,111	272,248	3,607	15,978	39,312	7,432	2,528	96,460	6,868	22,789	301,177
1939.....	101,313	246,178	463	3,178	34,236	12,495	5,156	99,571	7,377	8,544	340,487
1940.....	36,540	254,968	0	1,576	9,321	13,161	2,846	52,495	7,399	10,018	352,369
1941.....	9,502	241,226	425	4,455	3,416	20,283	2	36,302	8,275	8,363	263,603
1942.....	7,312	44,700	0	45	603	31,594	0	68	4,527	0	4,137
1943.....	1,105	62,172	0	7	0	15,873	(?)	0	1,742	0	84,315
1944.....	7,791	80,835	0	(?)	0	17,577	0	29	4,430	0	27,941
1945.....	1,871	31,121	0	21	14	10,322	(?)	0	6,330	3,993	80,935
1946.....	17,230	47,981	0	146	0	5,150	5	107,184	5,050	5,553	280,386

See footnotes at end of table.

TABLE 602.—Imports (for consumption) of principal agricultural products, 1934-46—Continued

Year beginning July—	Vegetables						Other principal agricultural products				
	Beans, dried	Onions	Tomatoes, fresh	Potatoes, white or Irish			Cocon or cacao beans	Coffee	Tea	Tobacco	
				Certified seed	Other	Total				Leaf	Stems, trimmings and scrap
	1,000 bushels <sup>11</sup>	1,000 bushels <sup>12</sup>	1,000 pounds	1,000 bushels <sup>11</sup>	1,000 bushels <sup>12</sup>	1,000 bushels <sup>11</sup>	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1934.....	580	252	77,160	119	413	532	329,076	1,552,027	83,572	51,315	8,954
1935.....	250	72	82,504	453	411	864	370,067	1,853,138	83,916	59,949	7,946
1936.....	979	101	97,037	938	446	1,384	689,947	1,790,814	92,271	62,809	8,499
1937.....	250	68	65,931	651	32	683	446,248	1,734,137	85,836	56,613	11,408
1938.....	121	82	54,561	949	65	1,014	643,992	1,965,250	89,600	64,623	11,462
1939.....	166	66	79,428	1,231	643	1,874	557,200	2,043,773	100,119	63,375	17,357
1940.....	161	26	132,781	716	214	930	891,138	2,534,621	101,887	67,261	10,582
1941.....	178	91	137,172	565	27	592	370,132	1,501,021	94,429	63,808	6,903
1942.....	43	220	167,915	1,104	16	1,120	417,324	1,501,021	51,940	74,015	7,397
1943.....	200	135	169,240	1,067	424	1,491	588,515	2,568,637	90,649	65,171	6,070
1944 <sup>1</sup> .....	50	48	210,874	2,638	6,488	9,126	742,312	2,495,408	80,542	71,557	5,466
1945 <sup>1</sup> .....	666	340	203,965	1,793	10	1,803	641,372	2,966,321	86,596	70,912	5,157
1946 <sup>1</sup> .....	127	146	263,168	2,257	2,346	4,603	568,484	2,475,555	90,063	83,633	8,775

## Other principal agricultural products—Continued

Year beginning July—	Molasses			Sugar, raw and refined	Rubber and similar gums				
	Not for human con-sump-tion	Other molasses	Total molasses		Rubber, crude	Guayule	Jelutong or ponti- anak	Other similar gums	Total rubber and similar gums
	1,000 gallons	1,000 gallons	1,000 gallons	1,000 tons <sup>1</sup>	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1934.....	242,304	8,737	251,041	3,367	965,390	563	9,686	5,907	981,606
1935.....	195,175	14,067	209,242	3,339	1,012,609	1,745	15,407	4,735	1,034,496
1936.....	311,304	19,315	330,619	2,964	1,194,189	3,973	13,045	3,444	1,214,651
1937.....	217,307	10,390	227,697	2,815	1,216,173	7,049	20,460	2,659	1,246,341
1938.....	177,601	8,030	185,631	2,565	938,511	4,639	16,777	3,312	963,239
1939.....	240,046	14,327	254,373	3,352	1,392,309	6,652	13,727	6,122	1,418,810
1940.....	331,359	11,727	343,086	3,514	2,106,175	9,310	19,064	6,382	2,140,931
1941.....	325,988	12,082	338,070	2,732	1,793,112	10,448	13,343	6,554	1,823,467
1942.....	143,973	625	144,598	2,228	129,227	16,927	79	3,608	149,841
1943.....	286,076	8,203	294,279	3,820	149,096	16,557	0	1,600	167,253
1944 <sup>2</sup> .....	295,390	3,518	298,908	4,212	298,092	19,257	107	2,663	320,209
1945 <sup>2</sup> .....	92,446	762	93,208	2,423	429,971	15,697	134	4,550	450,352
1946 <sup>2</sup> .....	112,028	805	112,833	3,345	1,426,839	11,962	2,893	6,306	1,448,000

<sup>1</sup> January-June.<sup>2</sup> Less than 500.<sup>3</sup> Preliminary.<sup>4</sup> Beginning January 1936, excludes weight of "other hides and skins" which are reported in pieces only.<sup>5</sup> Bales of 478 pounds, net. Excludes linters.<sup>6</sup> Tons of 2,240 pounds.<sup>7</sup> Includes flax, hemp,istle or Tampico, kapok, New Zealand fiber, crin vegetal, and other vegetable fibers except cotton linters.<sup>8</sup> Boxes of 76 pounds.<sup>9</sup> Conversion factors used: Almonds, 30 percent unshelled=shelled; Brazil or ice cream nuts, 49.35 percent unshelled=shelled; peanuts, 66.67 percent unshelled=shelled; walnuts, 42 percent unshelled=shelled.<sup>10</sup> Includes crude and manufactured.<sup>11</sup> Bushels of 60 pounds.<sup>12</sup> Bushels of 57 pounds.<sup>13</sup> Tons of 2,000 pounds.

Office of Foreign Agricultural Relations. Compiled from official records of Bureau of the Census and the United States Tariff Commission. Data for 1915-33 in Agricultural Statistics, 1942, table 694.



TABLE 603.—Exports (domestic) of principal agricultural products from the United States, by countries of destination, fiscal years 1945-46 and 1946-47<sup>1</sup>

Commodity exported and country of destination	Year beginning July 1—		Commodity exported and country of destination	Year beginning July 1—	
	1945-46	1946-47		1945-46	1946-47
ANIMAL PRODUCTS					
Dairy products:	1,000 pounds	1,000 pounds	Cheese—Continued:	1,000 pounds	1,000 pounds
Butter:			L. A. Republics—Continued		
U. S. S. R.	16,282	8	Guatemala	16	50
Belgium and Luxembourg	4,943	20	Honduras	1	2
Czechoslovakia	3,580	132	Nicaragua	( <sup>2</sup> )	1
Poland and Danzig	2,692	316	Canal Zone	507	947
Yugoslavia	1,750	0	Other L. A. Republics	27	99
Greece (incl. Aegean Islands)	100	104	Total L. A. Republics	1,659	3,146
Italy	82	57	Curacao (N. W. I.)	278	374
Germany	( <sup>2</sup> )	34	British West Indies <sup>4</sup>	60	197
Austria	1	8	French West Indies	33	0
Denmark	0	30	British Honduras	52	56
France	6	2	India and Dependencies	5,149	7
Netherlands	5	0	Egypt	1,519	0
United Kingdom	3	1	Iraq	131	0
Switzerland	0	825	British East Africa	10	2
Other Europe	4	2	Republic of Philippines	9	292
Total Europe	29,448	1,539	China	7	10
Iceland	235	0	Hong Kong	2	7
Greenland	5		Japan	0	( <sup>2</sup> )
Latin American Republics: <sup>3</sup>			Other countries	2,398	2,345
Colombia	20	17	Total	249,499	163,500
Mexico	8	12			
Honduras	2	0	Milk, condensed:		
Cuba	0	1,105	U. S. S. R.	2,612	2,890
Canal Zone	231	570	France	15,533	13,939
Panama Republic	61	285	Greece	5,262	1,055
Haiti	( <sup>2</sup> )	21	Poland and Danzig	1,781	1,879
Venezuela	0	432	Belgium and Luxembourg	8,705	2,279
Other L. A. Republics	4	8	Yugoslavia	3,989	508
Total L. A. Republics	326	2,450	Switzerland	84	241
Curacao (N. W. I.)	134	306	United Kingdom	8	2,065
British West Indies <sup>4</sup>	10	3	Italy	178	0
French West Indies	32	15	Austria	2	111
Madagascar	137	2	Netherlands	42	0
Liberia	19	37	Portugal	44	44
Netherlands East Indies	1,000	20	Czechoslovakia	1,202	33
Japan	0	79	Other Europe	37	305
Republic of Philippines	45	185	Total Europe	39,479	25,349
China	15	16	Newfoundland and Labrador	165	504
Other countries	181	188	Latin American Republics: <sup>3</sup>		
Total	<sup>5</sup> 31,587	<sup>6</sup> 4,840	Brazil	163	12
			Bolivia	1,715	1,177
Cheese:			Peru	1,269	1,138
United Kingdom	113,875	124,622	Cuba	363	218
U. S. S. R.	14,398	1,992	Costa Rica	395	467
Italy	11,749	225	Colombia	200	4
Belgium and Luxembourg	28,853	9,915	Mexico	58	83
France	23,991	1	Honduras	131	147
Greece	13,725	5,930	Guatemala	51	95
Poland and Danzig	10,706	2,920	Venezuela	79	130
Yugoslavia	10,074	228	Canal Zone	1,684	5,394
Czechoslovakia	6,242	71	Other L. A. Republics	376	742
Netherlands	3,811	( <sup>2</sup> )	Total L. A. Republics	6,484	9,607
Sweden	0	243	British Honduras	806	807
Switzerland	0	28	French West Indies	586	752
Albania	212	( <sup>2</sup> )	Curacao (N. W. I.)	372	263
Malta, Gozo, and Cyprus	83	0	British West Indies <sup>4</sup>	570	393
Austria	1	6	Algeria	6,076	416
Germany	1	113	Union of South Africa	1,032	172
Other Europe	93	3	French Morocco	3,784	0
Total Europe	237,814	146,297	Tunisia	1,855	0
Canada	378	767	British East Africa	1,346	1,129
Latin American Republics: <sup>3</sup>			Madagascar	1,287	513
Venezuela	430	914	French West Africa	699	1,208
Mexico	392	511	Mozambique	973	898
Panama Republic	147	291	Belgian Congo	217	251
Haiti	30	104	French Equatorial Africa	220	20
Cuba	48	185	Gold Coast	257	204
Colombia	61	42	Cameroon	97	98
			Tangier	44	84

See footnotes on page 513.



TABLE 603.—Exports (domestic) of principal agricultural products from the United States, by countries of destination, fiscal years 1945-46 and 1946-47<sup>1</sup>—Continued

Commodity exported and country of destination	Year beginning July 1—		Commodity exported and country of destination	Year beginning July 1—	
	1945-46	1946-47		1945-46	1946-47
<b>ANIMAL PRODUCTS—Continued</b>			<b>Milk, evaporated—Continued</b>		
Dairy products—Continued:	1,000	1,000	Other French Africa.....	1,000	1,000
Milk, condensed—Continued	pounds	pounds	Other countries.....	pounds	pounds
Egypt.....	25	0		84	9
India and Dependencies.....	10,073	4,327		7,976	4,080
Republic of Philippines.....	7,291	14,705	<b>Total.....</b>	<b>873,504</b>	<b>580,487</b>
China.....	2,251	1,674			
French Indo-China.....	1,390	2,441	<b>Milk, dried, whole:</b>		
Netherlands East Indies.....	1,059	3,808	Italy.....	19,297	669
Hong Kong.....	4	790	U. S. S. R.....	18,732	2,061
British Malaya.....	0	2,346	France.....	17,268	18,415
Siam (Thailand).....	0	504	Yugoslavia.....	9,874	19
Japan.....	0	3	United Kingdom.....	9,788	263
Other countries.....	4,151	1,835	Poland and Danzig.....	5,747	2,824
<b>Total.....</b>	<b>92,593</b>	<b>75,100</b>	Czechoslovakia.....	4,933	2
			Greece.....	4,775	812
<b>Milk, evaporated:</b>			Belgium and Luxembourg.....	2,094	1,305
United Kingdom.....	53,016	212,352	Austria.....	223	190
Italy.....	119,591	19,713	Netherlands.....	965	542
Belgium and Luxembourg.....	35,742	17,569	Portugal.....	2	4
France.....	9,754	56,060	Germany.....	23	3,613
Greece (incl. Aegean Islands).....	116,846	30,945	Hungary.....	478	279
Germany.....	0	23	Switzerland.....	36	1,852
Malta, Gozo and Cyprus.....	4,190	4,555	Other Europe.....	130	2
U. S. S. R.....	38,288	802			
Poland and Danzig.....	92,559	42,561	<b>Total Europe.....</b>	<b>94,355</b>	<b>32,852</b>
Yugoslavia.....	30,807	3,413			
Czechoslovakia.....	25,344	679	Canada.....	53	27
Netherlands.....	18,608	257	Newfoundland and Labrador.....	18	14
Switzerland.....	4	3,025	Latin American Republics: <sup>2</sup>		
Austria.....	476	48	Venezuela.....	13,027	23,190
Sweden.....	0	27	Mexico.....	2,684	8,908
Other Europe.....	263	282	Canal Zone.....	1,618	1,260
<b>Total Europe.....</b>	<b>565,488</b>	<b>392,560</b>	Colombia.....	1,272	1,553
			Costa Rica.....	976	839
Newfoundland and Labrador.....	4,119	5,519	Panama Republic.....	818	1,035
Iceland.....	4	0	Bolivia.....	634	583
Latin American Republics: <sup>2</sup>			Peru.....	378	1,297
Cuba.....	25,153	18,121	Brazil.....	267	3,145
Panama Republic.....	4,957	4,437	Cuba.....	159	148
Mexico.....	7,370	5,735	Other L. A. Republics.....	760	1,186
Bolivia.....	1,874	1,477			
Costa Rica.....	1,046	928	<b>Total L. A. Republics.....</b>	<b>22,593</b>	<b>43,144</b>
Venezuela.....	1,188	1,666			
Colombia.....	528	229	Curacao (N. W. I.).....	761	701
Peru.....	738	6,933	British West Indies <sup>4</sup> .....	219	544
Canal Zone.....	5,642	1,648	China.....	13,119	5,225
Other L. A. Republics.....	1,473	3,421	India and Dependencies.....	4,677	6,439
<b>Total L. A. Republics.....</b>	<b>49,969</b>	<b>44,595</b>	Republic of Philippines.....	1,776	3,133
			Netherlands East Indies.....	1,466	1,915
Curacao (N. W. I.).....	4,690	5,156	Egypt.....	983	36
British West Indies <sup>4</sup> .....	587	619	Belgian Congo.....	698	712
French West Indies.....	66	70	Union of South Africa.....	577	2,967
British Honduras.....	293	202	British West Africa <sup>5</sup> .....	372	314
Republic of Philippines.....	56,277	73,735	British Malaya.....	42	2,416
Egypt.....	13,463	687	Japan.....	0	18
Netherlands East Indies.....	9,193	7,783	Other countries.....	1,643	2,398
Hong Kong.....	1,510	2,152			
Siam (Thailand).....	0	1,581	<b>Total.....</b>	<b>143,586</b>	<b>103,157</b>
Union of South Africa.....	1,361	3,574			
China.....	33,082	26,017	<b>Nonfat dry milk solids:</b>		
British Malaya.....	131	8,417	United Kingdom.....	45,388	89,608
Burma.....	1,853	162	Italy.....	34,015	11,477
India and Dependencies.....	111,851	184	Greece.....	20,857	610
Gold Coast.....	1,166	1,059	Yugoslavia.....	18,865	3,354
Nigeria.....	1,059	880	Poland and Danzig.....	15,739	2,342
Other British West Africa.....	391	608	U. S. S. R.....	10,882	6,179
Japan.....	0	134	France.....	10,265	719
British East Africa.....	256	161	Netherlands.....	7,767	243
Iraq.....	1,928	2	Czechoslovakia.....	5,732	270
Algeria.....	4,549	0	Belgium and Luxembourg.....	3,516	4,888
French Equatorial Africa.....	68	65	Germany.....	0	18,414
Cameron.....	30	19	Austria.....	0	4,049
French West Africa.....	1,170	457			

See footnotes on page 513.

TABLE 603.—Exports (domestic) of principal agricultural products from the United States, by countries of destination, fiscal years 1945-46 and 1946-47<sup>1</sup>—Continued

Commodity exported and country of destination	Year beginning July 1—		Commodity exported and country of destination	Year beginning July 1—	
	1945-46	1946-47		1945-46	1946-47
<b>ANIMAL PRODUCTS—continued</b>			<b>Egg albumen—Continued</b>		
Dairy products—Continued				1,000 pounds	1,000 pounds
Nonfat dry milk solids—Con.:—			Sweden.....	36	61
Switzerland.....	0	1,859	Spain.....	24	12
Malta, Goro and Cyprus.....	1	32	Other Europe.....	3	13
Albania.....	159	0			
Other Europe.....	1	118	Total Europe.....	184	666
Total Europe.....	173,186	144,162			
Canada.....	47	101	Iceland.....	( <sup>2</sup> )	0
Newfoundland and Labrador.....	0	52	Latin-American Republics: <sup>3</sup>		
Latin-American Republics: <sup>3</sup>			Brazil.....	( <sup>2</sup> )	13
Mexico.....	512	1,156	Canal Zone.....	0	27
Cuba.....	457	1,133	Mexico.....	3	8
Canal Zone.....	396	121	Cuba.....	10	18
Panama Republic.....	248	242	Colombia.....	5	2
Venezuela.....	215	324	Venezuela.....	4	5
Peru.....	48	80	Other L. A. Republics.....	3	9
Costa Rica.....	27	11	Total L. A. Republics.....	25	82
Brazil.....	4	633	Union of South Africa.....	5	9
Bolivia.....	2	30	Other countries.....	3	5
Other L. A. Republics.....	18	30	Total.....	217	762
Total L. A. Republics.....	1,927	3,780			
British West Indies <sup>4</sup> .....	40	168	Egg products, dried:		
Curacao (N. W. I.).....	15	246	United Kingdom.....	65,414	82,673
China.....	13,243	9,305	France.....	3,395	7
India and Dependencies.....	3,705	9,996	U. S. S. R.....	3,814	( <sup>2</sup> )
Palestine and Trans-Jordan.....	2,162	1,171	Italy.....	2,816	50
Republic of Philippines.....	1,057	2,129	Switzerland.....	66	822
Egypt.....	419	0	Austria.....	1,120	5
Union of South Africa.....	84	215	Poland and Danzig.....	3,435	9
Japan.....	0	4,586	Greece.....	13	1,177
Other countries.....	261	0	Germany.....	175	530
Total.....	196,146	176,681	Belgium and Luxembourg.....	496	8
			Czechoslovakia.....	1,666	2
			Other Europe.....	266	20
			Total Europe.....	82,676	85,103
Eggs and egg products:					
Eggs in the shell:			Canada.....	18	2
United Kingdom.....	0	1,972	Latin American Republics <sup>3</sup> .....	42	151
Switzerland.....	9,589	15,567	Egypt.....	432	631
France.....	230	18	Japan.....	0	19
Belgium and Luxembourg.....	150	9,749	Palestine and Trans-Jordan.....	8	0
Sweden.....	1	5,231	Other countries.....	1,270	458
Other Europe.....	45	485	Total.....	84,446	86,364
Total Europe.....	10,015	33,022			
Canada.....	83	176	Egg products, frozen:		
Newfoundland and Labrador.....	8	11	United Kingdom.....	0	16,855
Latin-American Republics: <sup>3</sup>			Switzerland.....	711	301
Canal Zone.....	2,029	1,738	Latin-American Republics <sup>3</sup> .....	119	233
Panama Republic.....	337	493	Curacao (N. W. I.).....	13	13
Mexico.....	6,400	14,275	Other countries.....	159	1,336
Cuba.....	98	3,764	Total.....	1,002	18,738
Venezuela.....	1	1,251			
Other L. A. Republics.....	56	43	Egg products, otherwise preserved:		
Total L. A. Republics.....	8,921	21,569	Switzerland.....	0	18
Curacao (N. W. I.).....	510	666	Latin-American Republics <sup>3</sup> .....	( <sup>2</sup> )	3
British West Indies <sup>4</sup> .....	30	81	Other countries.....	2	14
Republic of Philippines.....	503	1,322	Total.....	2	35
Other countries.....	105	113			
Total.....	20,175	56,960	Meats:		
			Beef and veal, fresh or frozen:		
	1,000 pounds	1,000 pounds	United Kingdom.....	97,746	81,020
Egg albumen:			Belgium and Luxembourg.....	75,055	8,798
France.....	( <sup>2</sup> )	20	France.....	66,190	5,916
Netherlands.....	0	22	Netherlands.....	37,540	807
Belgium and Luxembourg.....	10	213	Other Europe.....	0	5
United Kingdom.....	45	0	Total Europe.....	276,531	96,545
Switzerland.....	66	325			

See footnotes on page 513.

## EXPORTS BY COUNTRIES OF DESTINATION

489

TABLE 603.—Exports (domestic) of principal agricultural products from the United States, by countries of destination, fiscal years 1945-46 and 1946-47<sup>1</sup>—Continued

Commodity exported and country of destination	Year beginning July 1—		Commodity exported and country of destination	Year beginning July 1—	
	1945-46	1946-47		1945-46	1946-47
	1,000 pounds	1,000 pounds		1,000 pounds	1,000 pounds
<b>ANIMAL PRODUCTS—continued</b>					
<b>Meats—Continued</b>					
Beef or veal, fresh or frozen—Con.			Pork, fresh or frozen—continued		
Canada.....	13	251	Newfoundland and Labrador....	32	0
Latin-American Republics: <sup>2</sup>			Latin-American Republics: <sup>2</sup>		
Canal Zone.....	1,712	413	Canal Zone.....	897	1,474
Mexico.....	28	21	Panama Republic.....	6	68
Panama Republic.....	6	13	Cuba.....	1	25
Cuba.....	0	22	Mexico.....	205	38
Other L. A. Republics.....	0	15	Other L. A. Republics.....	( <sup>3</sup> )	4
Total L. A. Republics.....	1,746	484	Total L. A. Republics.....	1,109	1,609
Curacao (N. W. I.).....	643	777	Curacao (N. W. I.).....	427	507
British West Indies <sup>4</sup> .....	614	265	British West Indies <sup>4</sup> .....	29	116
French West Indies.....	0	101	Republic of Philippines.....	0	55
Saudi Arabia.....	473	515	Other countries.....	54	35
State of Bahrain.....	192	120	Total.....	50,010	28,945
Republic of Philippines.....	0	176			
Liberia.....	0	5	<b>Bacon and sides:</b>		
Other countries.....	21	336	United Kingdom.....	5,336	1,748
Total.....	280,233	99,575	U. S. S. R.....	1,596	0
			France.....	447	10,839
<b>Horse meat: (all kinds)</b>			Italy.....	( <sup>3</sup> )	9,683
Netherlands.....	2,583	2,063	Other Europe.....	1,143	1,936
Poland and Danzig.....	2,510	30,323	Total Europe.....	8,522	24,206
Belgium and Luxembourg.....	876	7,230			
Czechoslovakia.....	571	23,731	Canada.....	65	251
France.....	540	15,985	Newfoundland and Labrador....	241	135
Sweden.....	0	7,283	Latin-American Republics: <sup>2</sup>		
Austria.....	0	12,020	Canal Zone.....	120	483
Switzerland.....	0	681	Panama Republic.....	46	56
Germany.....	0	205	Cuba.....	281	682
Other Europe.....	0	0	Mexico.....	42	27
Total Europe.....	7,080	99,636	Other L. A. Republics.....	83	114
Canada.....	0	62	Total L. A. Republics.....	572	1,372
Canal Zone.....	0	14	British West Indies <sup>4</sup> .....	214	153
Curacao (N. W. I.).....	1	0	Curacao (N. W. I.).....	105	180
China.....	0	583	Other countries.....	178	196
Liberia.....	0	3	Total.....	9,897	26,493
Belgian Congo.....	0	1			
Other countries.....	0	0	<b>Hams and shoulders:</b>		
Total.....	7,081	100,299	United Kingdom.....	6,784	500
<b>Mutton and lamb (except canned):</b>			U. S. S. R.....	1,520	( <sup>3</sup> )
United Kingdom.....	12,742	662	Other Europe.....	212	71
France.....	749	331	Total Europe.....	8,516	571
Mexico.....	62	33			
Other L. A. Republics <sup>2</sup> .....	51	53	Newfoundland and Labrador....	106	0
British West Indies <sup>4</sup> .....	231	166	Canada.....	3	4
Curacao (N. W. I.).....	92	226	Latin-American Republics: <sup>2</sup>		
Saudi Arabia.....	488	277	Cuba.....	1,578	1,278
Other countries.....	488	314	Canal Zone.....	373	730
Total.....	14,903	2,062	Panama Republic.....	239	111
<b>Pork, fresh or frozen:</b>			Venezuela.....	217	278
United Kingdom.....	32,393	8,423	Other L. A. Republics.....	249	125
Belgium and Luxembourg.....	17,246	3,733	Total L. A. Republics.....	2,656	2,522
France.....	5,427	8,298	British West Indies <sup>4</sup> .....	253	131
Netherlands.....	1,783	1,727	Curacao (N. W. I.).....	161	220
Switzerland.....	0	1,560	French West Indies.....	15	1
Other Europe.....	1	2	Republic of Philippines.....	242	312
Total Europe.....	56,850	23,743	Other countries.....	171	137
Canada.....	509	2,880	Total.....	12,123	3,898

See footnotes on page 513.

TABLE 603.—Exports (domestic) of principal agricultural products from the United States, by countries of destination, fiscal years 1945-46 and 1946-47—Continued

Commodity exported and country of destination	Year beginning July 1—		Commodity exported and country of destination	Year beginning July 1—	
	1945-46	1946-47		1945-46	1946-47
<b>ANIMAL PRODUCTS—continued</b>					
<b>Meats—Continued</b>					
Pork, pickled or salted:			Pork, canned, continued:		
United Kingdom.....	1,000	1,000	France.....	18,318	215
Sweden.....	237	0	Yugoslavia.....	9,443	489
U. S. S. R.....	111	1,052	Czechoslovakia.....	6,640	3,321
Norway.....	3,389	9,737	Poland and Danzig.....	5,476	8,377
Czechoslovakia.....	1,028	39	Belgium and Luxembourg.....	4,722	1,904
Belgium and Luxembourg.....	6,750	2,963	Netherlands.....	2,253	177
Italy.....	1,370	1,301	Austria.....	1,210	4,717
Poland and Danzig.....	5,066	13,320	Greece.....	812	1,944
Austria.....	11,525	3,130	Germany.....	24	71
Other Europe.....	4,708	5,357	Other Europe.....	46	159
	11,156	680			
<b>Total Europe.....</b>	<b>45,340</b>	<b>37,579</b>	<b>Total Europe.....</b>	<b>70,399</b>	<b>37,326</b>
Canada.....	95	448	Canada.....	7	56
Newfoundland and Labrador.....	4,299	3,293	Latin-American Republics: <sup>1</sup>		
Latin-American Republics: <sup>2</sup>			Canal Zone.....	211	497
Cuba.....	5,623	6,330	Panama Republic.....	146	105
Canal Zone.....	70	134	Venezuela.....	312	513
Panama Republic.....	( <sup>3</sup> )	76	Mexico.....	186	175
Haiti.....	10	5	Cuba.....	245	300
Other L. A. Republics.....	9	9	Other L. A. Republics.....	194	190
<b>Total L. A. Republics.....</b>	<b>5,712</b>	<b>6,554</b>	<b>Total L. A. Republics.....</b>	<b>1,294</b>	<b>1,780</b>
British West Indies <sup>4</sup> .....	230	251	Curacao (N. W. I.).....	237	182
Curacao (N. W. I.).....	42	43	British West Indies <sup>4</sup> .....	142	145
French West Indies.....	0	265	Republic of Philippines.....	523	612
Other countries.....	72	188	India and Dependencies.....	100	( <sup>5</sup> )
<b>Total.....</b>	<b>55,790</b>	<b>48,611</b>	Netherlands East Indies.....	99	6,029
			Egypt.....	69	( <sup>5</sup> )
<b>Beef, canned:</b>			China.....	25	28
United Kingdom.....	38	8	Japan.....	0	293
U. S. S. R.....	31,504	9,240	Iraq.....	13	( <sup>5</sup> )
Czechoslovakia.....	25,352	4,478	Other countries.....	629	390
Yugoslavia.....	21,734	4,324			
Greece.....	20,730	7,366	<b>Total.....</b>	<b>73,537</b>	<b>46,841</b>
Poland and Danzig.....	18,254	4,648			
France.....	14,339	7	<b>Sausage, canned:</b>		
Italy.....	3,576	6,286	U. S. S. R.....	26,624	5,810
Austria.....	2,551	6,291	United Kingdom.....	9,931	186
Belgium and Luxembourg.....	1,757	3	Italy.....	1,675	2,213
Switzerland.....	15	0	China.....	3,138	3,045
Germany.....	12	44	Greece.....	3,345	1
Other Europe.....	5	6	France.....	5,429	( <sup>5</sup> )
<b>Total Europe.....</b>	<b>139,867</b>	<b>42,701</b>	Belgium and Luxembourg.....	6,431	841
Newfoundland and Labrador.....	82	19	Yugoslavia.....	4,426	869
Canada.....	( <sup>3</sup> )	39	Poland and Danzig.....	3,470	1,046
Latin-American Republics: <sup>2</sup>			Netherlands.....	1,662	1,719
Canal Zone.....	97	184	Czechoslovakia.....	1,574	985
Venezuela.....	67	96	Austria.....	303	514
Panama Republic.....	24	20	Other Europe.....	43	525
Brazil.....	( <sup>3</sup> )	2	<b>Total Europe.....</b>	<b>68,051</b>	<b>17,754</b>
Other L. A. Republics.....	48	93			
<b>Total L. A. Republics.....</b>	<b>236</b>	<b>395</b>	Newfoundland and Labrador.....	40	22
British West Indies <sup>4</sup> .....	179	51	Canada.....	( <sup>3</sup> )	3
Curacao (N. W. I.).....	62	37	Latin-American Republics: <sup>1</sup>		
French West Indies.....	73	6	Canal Zone.....	110	95
Netherlands East Indies.....	6,522	10,521	Panama Republic.....	30	25
British Guiana.....	0	1	Venezuela.....	131	192
Union of South Africa.....	2	38	Colombia.....	60	42
British West Africa <sup>7</sup> .....	15	0	Mexico.....	65	37
Other countries.....	3,442	296	Other L. A. Republics.....	94	91
<b>Total.....</b>	<b>150,480</b>	<b>54,104</b>	<b>Total L. A. Republics.....</b>	<b>490</b>	<b>482</b>
<b>Pork, canned:</b>			Curacao (N. W. I.).....	158	64
U. S. S. R.....	9,306	10,494	British West Indies <sup>4</sup> .....	147	206
United Kingdom.....	10,722	91	French West Indies.....	18	6
Italy.....	1,418	5,367	Republic of Philippines.....	460	593
			Netherlands East Indies.....	21	1,190
			Egypt.....	174	( <sup>5</sup> )
			Union of South Africa.....	62	31
			Gold Coast.....	9	5
			Nigeria.....	5	1

See footnotes on page 515.

TABLE 603.—Exports (domestic) of principal agricultural products from the United States, by countries of destination, fiscal years 1945-46 and 1946-47<sup>1</sup>—Continued

Commodity exported and country of destination	Year beginning July 1—		Commodity exported and country of destination	Year beginning July 1—	
	1945-46	1946-47		1945-46	1946-47
<b>ANIMAL PRODUCTS—continued</b>			<b>Oils and fats—Continued</b>		
Meats—Continued:	1,000	1,000	Lard, including neutral—Con.	pounds	pounds
Sausage, canned—Continued			Iceland.....	51	0
Other British West Africa.....	7	( <sup>a</sup> ) 5	Latin-American Republics: <sup>1</sup>		
Iraq.....	18	17	Cuba.....	66,306	75,739
Japan.....	0	17	Mexico.....	16,137	23,189
Other countries.....	875	335	Colombia.....	3,460	3,905
Total.....	7,535	20,714	Venezuela.....	3,051	3,849
Other meats, canned:			Costa Rica.....	2,279	1,893
U. S. S. R.....	199,290	58,267	Dominican Republic.....	0	418
United Kingdom.....	252	1	Panama Republic.....	2,109	1,758
Italy.....	16,970	10,659	Canal Zone.....	775	1,759
Poland and Danzig.....	90,306	36,364	Haiti.....	899	823
Czechoslovakia.....	58,453	22,905	Ecuador.....	207	1,876
France.....	936	407	Other L. A. Republics.....	812	2,270
Yugoslavia.....	99,133	215	Total L. A. Republics.....	96,035	117,579
Greece.....	61,330	3,437	French West Indies.....	543	953
Austria.....	9,994	2,041	Curacao (N. W. I.).....	254	288
Albania.....	6,855	0	British West Indies <sup>4</sup> .....	7	4
Netherlands.....	868	( <sup>a</sup> )	Algeria.....	1,743	131
Germany.....	17	79,054	Japan.....	0	2,108
Other Europe.....	2,219	1,697	Egypt.....	663	0
Total Europe.....	546,623	215,047	Other countries.....	1,794	2,080
Newfoundland and Labrador.....	81	117	Total.....	452,669	322,711
Canada.....	30	48	<b>Oleomargarine of animal or vegetable fats:</b>		
Latin-American Republics: <sup>1</sup>			United Kingdom.....	0	5
Canal Zone.....	134	315	U. S. S. R.....	567	768
Panama Republic.....	21	37	Italy.....	22,668	7,122
Venezuela.....	100	294	Malta, Gozo and Cyprus.....	7,275	9,605
Mexico.....	20	51	Poland and Danzig.....	2,339	13,590
Colombia.....	61	30	France.....	0	2,139
Cuba.....	37	131	Austria.....	0	935
Other L. A. Republics.....	69	100	Hungary.....	0	818
Total L. A. Republics.....	442	958	Other Europe.....	5,393	818
Curacao (N. W. I.).....	61	59	Total.....	38,946	34,982
British West Indies <sup>4</sup> .....	59	103	Greenland.....	362	0
Union of South Africa.....	74	214	Canada.....	102	38
India and Dependencies.....	142	15	Latin-American Republics: <sup>1</sup>	192	310
Liberia.....	4	5	British West Indies <sup>4</sup> .....	357	293
Belgian Congo.....	14	14	Curacao (N. W. I.).....	290	335
Iraq.....	16	0	French West Indies.....	214	92
Japan.....	0	1,156	British Guiana.....	156	85
Korea.....	0	10,097	Surinam.....	146	68
Other countries.....	5,166	2,075	Egypt.....	2,618	0
Total.....	552,712	229,908	India and Dependencies.....	11,371	0
<b>Oils and fats:</b>			Republic of Philippines.....	558	228
Lard, including neutral:			Algeria.....	0	3,329
United Kingdom.....	113,553	34,707	Iraq.....	470	0
U. S. S. R.....	25,604	3,161	Other countries.....	5,239	2,860
Finland.....	310	5,036	Total.....	61,021	42,620
Switzerland.....	0	1,130	<b>Oleo oil:</b>		
Malta, Gozo and Cyprus.....	321	0	Europe.....	129	0
Italy.....	17,919	21,066	Mexico.....	74	106
France.....	84,023	69,397	Other countries.....	0	0
Netherlands.....	12,454	5,131	Total.....	203	106
Belgium and Luxembourg.....	20,868	8,093	<b>Honey:</b>		
Germany.....	1	2,645	Netherlands.....	40	2
Poland and Danzig.....	20,615	15,728	Switzerland.....	32	0
Czechoslovakia.....	16,003	5,278	U. S. S. R.....	6	0
Austria.....	9,744	18,098	Finland.....	0	30
Greece.....	6,290	1,878	Other Europe.....	4	30
Norway.....	2,245	0	Total Europe.....	82	62
Yugoslavia.....	9,240	225	Canada.....	63	4
Other Europe.....	1,901	1	Latin-American Republics: <sup>1</sup> .....	5	6
Total Europe.....	347,091	191,574			
Canada.....	4,136	7,382			
Newfoundland and Labrador.....	322	612			

See footnotes on page 513.

TABLE 603.—Exports (domestic) of principal agricultural products from the United States, by countries of destination, fiscal years 1945-46 and 1946-47<sup>1</sup>—Continued

Commodity exported and country of destination	Year beginning July 1—		Commodity exported and country of destination	Year beginning July 1—	
	1945-46	1946-47		1945-46	1946-47
<b>ANIMAL PRODUCTS—continued</b>	<b>1,000 pounds</b>	<b>1,000 pounds</b>	<b>Fruits, fresh—Continued</b>	<b>1,000 boxes</b>	<b>1,000 boxes</b>
Honey—Continued			Apples in boxes—Continued		
Curacao (N. W. I.)	2	9	Belgium and Luxembourg	0	335
French Morocco	22	0	Other Europe	( <sup>2</sup> )	289
Belgian Congo	21	8	Canada	45	11
Arabia Peninsula States	21	4	Newfoundland and Labrador	10	
Hong Kong	10	2	Iceland	19	( <sup>2</sup> )
Republic of Philippines	0	22	Latin American Republics: <sup>2</sup>		
India and Dependencies	0	79	Cuba	296	279
Other countries	8	9	Mexico	185	280
Total	243	205	Brazil	0	131
			Panama Republic	4	11
<b>VEGETABLE PRODUCTS</b>			Canal Zone	25	21
Cotton and linters, unmanufactured <sup>2</sup>	<b>1,000 bales</b>	<b>1,000 bales</b>	Venezuela	12	67
Cotton:			Colombia	3	25
United Kingdom	347	490	Other L. A. Republics	18	44
Czechoslovakia	73	114	Total L. A. Republics	543	858
Sweden	2	23	Curacao (N. W. I.)	15	24
Switzerland	31	22	British West Indies <sup>4</sup>	9	14
Spain	151	64	Republic of Philippines	164	530
France	957	409	Hong Kong	7	192
Belgium and Luxembourg	62	194	Other countries	21	160
Poland and Danzig	117	49	Total	1,290	4,100
Netherlands	49	126			
Germany	0	206			
Italy	409	553			
Other Europe	150	112			
Total Europe	2,348	2,362			
Canada	323	340			
China	701	518			
Japan	228	648			
Australia	13	9			
Other countries	16	58			
Total	3,629	3,935			
Linters:					
France	7	9			
United Kingdom	0	27			
Other Europe	2	5			
Canada	18	19			
Other countries	( <sup>2</sup> )	( <sup>2</sup> )			
Total	27	60			
<b>Fruits, fresh:</b>	<b>1,000 barrels</b>	<b>1,000 barrels</b>			
Apples in barrels:					
United Kingdom	0	17			
Sweden	0	22			
Canada	( <sup>2</sup> )	2			
Brazil	0	5			
Other countries	0	( <sup>2</sup> )			
Total	( <sup>2</sup> )	46			
	<b>1,000 baskets</b>	<b>1,000 baskets</b>			
Apples in baskets:					
United Kingdom	0	761			
Sweden	2	14			
Canada	( <sup>2</sup> )	97			
Cuba	9	8			
Other L. A. Republics <sup>2</sup>	4	17			
Other countries	4	45			
Total	19	942			
	<b>1,000 boxes</b>	<b>1,000 boxes</b>			
Apples in boxes:					
United Kingdom	0	894			
Netherlands	0	44			
Sweden	457	736			

See footnotes on page 513.



TABLE 603.—*Exports (domestic) of principal agricultural products from the United States, by countries of destination, fiscal years 1945-46 and 1946-47*<sup>1</sup>—Continued

Commodity exported and country of destination	Year beginning July 1—		Commodity exported and country of destination	Year beginning July 1—	
	1945-46	1946-47		1945-46	1946-47
<b>VEGETABLE PRODUCTS—continued</b>			<b>Fruits, dried and evaporated—Con.</b>		
<b>Fruits, fresh—Continued:</b>			<b>Apples, dried—Continued</b>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
Pears, fresh—Continued			Cuba.....	29	18
British West Indies <sup>4</sup> .....	208	124	Venezuela.....	45	78
Curacao (N. W. I.).....	82	226	Bolivia.....	21	21
Egypt.....	( <sup>5</sup> )	878	Canal Zone.....	20	13
Other countries.....	69	912	Brazil.....	4	21
<b>Total.....</b>	<b>48,904</b>	<b>107,676</b>	Other L. A. Republics.....	52	54
			<b>Total L. A. Republics.....</b>	<b>207</b>	<b>248</b>
<b>Grapefruit:</b>	<i>1,000 boxes</i>	<i>1,000 boxes</i>	British West Indies <sup>4</sup> .....	16	3
Sweden.....	76	98	Curacao (N. W. I.).....	18	27
Netherlands.....	3	39	Netherlands East Indies.....	7	188
United Kingdom.....	1	499	Egypt.....	270	3
Belgium and Luxembourg.....	0	360	Union of South Africa.....	0	100
Other Europe.....	2	14	Palestine and Trans-Jordan.....	0	71
<b>Total Europe.....</b>	<b>82</b>	<b>1,010</b>	Other countries.....	313	41
			<b>Total.....</b>	<b>3,692</b>	<b>9,250</b>
Canada.....	1,806	1,761	<b>Apple waste, dried:<sup>5</sup></b>		
Other countries.....	31	22	Belgium and Luxembourg.....	0	334
<b>Total.....</b>	<b>1,919</b>	<b>2,793</b>	United Kingdom.....	0	230
<b>Lemons:</b>			Netherlands.....	0	108
Europe.....	13	15	Other countries.....	( <sup>5</sup> )	1
Canada.....	547	438	<b>Total.....</b>	<b>(<sup>5</sup>)</b>	<b>673</b>
Other countries.....	47	23			
<b>Total.....</b>	<b>607</b>	<b>476</b>	<b>Apricots, dried:</b>		
<b>Oranges:</b>			Italy.....	630	1
Sweden.....	497	405	Sweden.....	1	553
Netherlands.....	61	140	United Kingdom.....	1	70
Belgium and Luxembourg.....	1	1,033	Switzerland.....	22	517
United Kingdom.....	1	1	U. S. S. R.....	391	0
Other Europe.....	20	28	Belgium and Luxembourg.....	0	1,792
<b>Total Europe.....</b>	<b>580</b>	<b>1,624</b>	Netherlands.....	0	146
Canada.....	6,302	5,504	Norway.....	543	0
Iceland.....	26	( <sup>5</sup> )	Other Europe.....	37	15
Newfoundland and Labrador.....	13	22	<b>Total Europe.....</b>	<b>1,625</b>	<b>3,094</b>
Mexico.....	54	75	Canada.....	18	2,561
Canal Zone.....	36	13	Newfoundland and Labrador.....	64	359
British West Indies <sup>4</sup> .....	20	28	Iceland.....	63	2
Curacao (N. W. I.).....	11	14	Latin-American Republics: <sup>1</sup>		
Republic of Philippines.....	357	393	Brazil.....	29	293
China.....	137	177	Mexico.....	16	133
Hong Kong.....	29	275	Cuba.....	550	27
Other countries.....	2	34	Canal Zone.....	29	10
<b>Total.....</b>	<b>7,567</b>	<b>8,159</b>	Other L. A. Republics.....	37	118
			<b>Total L. A. Republics.....</b>	<b>661</b>	<b>581</b>
<b>Fruits, dried and evaporated:</b>			Curacao (N. W. I.).....	7	15
<b>Apples, dried:</b>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	Egypt.....	86	8
Sweden.....	1	2,843	Other countries.....	213	239
United Kingdom.....	544	4,385	<b>Total.....</b>	<b>2,737</b>	<b>6,859</b>
Belgium and Luxembourg.....	568	516			
Switzerland.....	106	30	<b>Figs, dried:</b>		
Norway.....	558	0	Sweden.....	531	205
Germany.....	0	140	Netherlands.....	435	0
Netherlands.....	44	108	Belgium and Luxembourg.....	0	66
Other Europe.....	778	14	Germany.....	0	101
<b>Total Europe.....</b>	<b>2,509</b>	<b>8,036</b>	Italy.....	0	12
Newfoundland and Labrador.....	32	51	Other Europe.....	1	( <sup>5</sup> )
Iceland.....	106	8	Canada.....	1,168	3,344
Canada.....	124	474	Iceland.....	136	3
Latin-American Republics: <sup>1</sup>			Latin-American Republics: <sup>1</sup>	167	209
Mexico.....	36	43	Union of South Africa.....	23	68
			Other countries.....	77	127
			<b>Total.....</b>	<b>2,538</b>	<b>4,125</b>

See footnotes on page 513.



TABLE 603.—Exports (domestic) of principal agricultural products from the United States, by countries of destination, fiscal years 1945-46 and 1946-47<sup>1</sup>—Continued

Commodity exported and country of destination	Year beginning July 1—		Commodity exported and country of destination	Year beginning July 1—	
	1945-46	1946-47		1945-46	1946-47
<b>VEGETABLE PRODUCTS—Continued</b>					
Fruits, dried and evap.—Con.:	<i>1,000 pounds</i>	<i>1,000 pounds</i>	Prunes, dried—Continued	<i>1,000 pounds</i>	<i>1,000 pounds</i>
Fruits for salad, dried:			Eire (Ireland).....	1,830	2,415
Sweden.....	3,798	20,240	Switzerland.....	4,453	1,072
Other Europe.....	0	99	United Kingdom.....	71,643	62,147
Total Europe.....	3,798	20,339	U. S. S. R.....	453	0
Canada.....	0	113	Belgium and Luxembourg.....	2,795	13,279
Latin-American Republics: <sup>2</sup>	11	22	Netherlands.....	106	1,380
Republic of Philippines.....	22	7	Italy.....	1,216	698
Other countries.....	27	30	France.....	2	6
Total.....	3,858	20,511	Germany.....	( <sup>3</sup> )	5
			Norway.....	3,055	505
			Other Europe.....	4,824	676
			Total Europe.....	101,161	93,099
Peaches, dried:			Canada.....	29,733	24,481
Sweden.....	1	1,197	Newfoundland and Labrador.....	937	471
United Kingdom.....	1	18,551	Iceland.....	989	86
Belgium and Luxembourg.....	105	112	Latin-American Republics: <sup>2</sup>		
Italy.....	1,060	0	Argentina.....	163	21
Netherlands.....	( <sup>3</sup> )	5	Brazil.....	2,460	2,922
Other Europe.....	303	47	Cuba.....	1,508	866
Total Europe.....	1,470	19,912	Mexico.....	1,690	1,233
Canada.....	63	2,992	Uruguay.....	857	495
Newfoundland and Labrador.....	108	152	Venezuela.....	643	930
Iceland.....	69	0	Panama Republic.....	194	128
Latin-American Republics: <sup>2</sup>			Canal Zone.....	166	152
Mexico.....	120	148	Other L. A. Republics.....	1,090	1,110
Venezuela.....	68	112	Total L. A. Republics.....	8,771	7,857
Cuba.....	272	21	British West Indies <sup>4</sup> .....	448	412
Canal Zone.....	15	16	Curacao (N. W. I.).....	114	126
Other L. A. Republics.....	71	83	French West Indies.....	0	12
Total L. A. Republics.....	546	380	New Zealand.....	4,180	2,923
British West Indies <sup>4</sup> .....	7	2	Republic of Philippines.....	2,803	806
Curacao (N. W. I.).....	9	5	Egypt.....	131	1,525
Egypt.....	208	1,111	India and Dependencies.....	1,062	346
Other countries.....	1,713	809	Netherlands East Indies.....	0	1,041
Total.....	4,193	25,363	Union of South Africa.....	283	2,563
			Other countries.....	3,702	1,092
			Total.....	154,414	137,740
Pears, dried:			Raisins and currants:		
Sweden.....	1	4	United Kingdom.....	49,128	32,649
United Kingdom.....	0	130	Eire (Ireland).....	4,421	5,347
Switzerland.....	199	50	Sweden.....	1,051	4,689
Italy.....	159	0	Finland.....	0	16
Belgium and Luxembourg.....	21	66	Switzerland.....	873	949
Netherlands.....	0	90	Denmark.....	0	3
Other Europe.....	83	18	Belgium and Luxembourg.....	2,296	1,420
Total Europe.....	463	358	Netherlands.....	5,705	767
Canada.....	171	492	France.....	2	13
Newfoundland and Labrador.....	73	30	Norway.....	2,653	( <sup>3</sup> )
Iceland.....	59	0	Germany.....	56	21
Latin-American Republics: <sup>2</sup>			U. S. S. R.....	614	0
Venezuela.....	50	94	Other Europe.....	341	142
Mexico.....	107	100	Total Europe.....	67,140	46,016
Cuba.....	43	34	Canada.....	29,067	1,702
Brazil.....	8	8	Newfoundland and Labrador.....	2,606	647
Colombia.....	10	8	Iceland.....	1,090	21
Other L. A. Republics.....	36	20	Latin-American Republics: <sup>2</sup>		
Total L. A. Republics.....	254	264	Venezuela.....	413	689
British West Indies <sup>4</sup> .....	4	( <sup>3</sup> )	Mexico.....	2,351	2,043
Curacao (N. W. I.).....	7	5	Argentina.....	99	86
Egypt.....	14	2	Cuba.....	389	1,057
Other countries.....	181	60	Brazil.....	553	1,165
Total.....	1,226	1,211	Colombia.....	255	506
			Uruguay.....	402	109
Prunes, dried:			Other L. A. Republics.....	851	988
Sweden.....	10,784	11,726	Total L. A. Republics.....	5,313	6,733

See footnotes on page 513.

TABLE 603.—Exports (domestic) of principal agricultural products from the United States, by countries of destination, fiscal years 1945-46 and 1946-47<sup>1</sup>—Continued

Commodity exported and country of destination	Year beginning July 1—		Commodity exported and country of destination	Year beginning July 1—	
	1945-46	1946-47		1945-46	1946-47
<b>VEGETABLE PRODUCTS—continued</b>	<i>1,000 pounds</i>	<i>1,000 pounds</i>		<i>1,000 pounds</i>	<i>1,000 pounds</i>
Raisins and currants—Continued			Apricots, canned:		
British West Indies <sup>1</sup>	638	535	Eire (Ireland).....	0	306
Curacao (N. W. I.).....	133	159	United Kingdom.....	12,106	13,014
Hong Kong.....	39	712	Sweden.....	564	1,806
China.....	296	1,927	Italy.....	1,643	10
British Malaya.....	45	171	Belgium and Luxembourg.....	172	9,206
Republic of Philippines.....	3,620	1,410	France.....	0	7
Egypt.....	119	0	Netherlands.....	0	1,012
Other countries.....	500	645	Other Europe.....	352	340
Total.....	110,606	60,738	Total Europe.....	14,837	25,701
Other fruits, dried and evaporated:			Newfoundland and Labrador.....	122	726
Germany.....	( <sup>2</sup> )	94	Canada.....	448	1,952
Sweden.....	( <sup>2</sup> )	3,077	Iceland.....	40	10
Other Europe.....	19	25	Latin-American Republics: <sup>3</sup>		
Total Europe.....	19	3,196	Venezuela.....	116	620
Canada.....	23	442	Panama Republic.....	74	58
Newfoundland and Labrador.....	0	4	Canal Zone.....	135	82
Iceland.....	31	8	Colombia.....	44	134
Latin-American Republics: <sup>3</sup>			Costa Rica.....	42	100
Brazil.....	15	93	Cuba.....	159	244
Cuba.....	2	2	Peru.....	15	87
Mexico.....	2	9	Mexico.....	15	33
Venezuela.....	( <sup>3</sup> )	20	Other L. A. Republics.....	69	172
Canal Zone.....	0	5	Total L. A. Republics.....	669	1,500
Dominican Republic.....	( <sup>3</sup> )	4	British West Indies <sup>4</sup>	97	110
Other L. A. Republics.....	1	28	Curacao (N. W. I.).....	54	130
Total L. A. Republics.....	20	161	Republic of Philippines.....	283	374
Curacao (N. W. I.).....	2	3	Netherland East Indies.....	76	1,532
British West Indies <sup>4</sup> .....	2	32	British Malaya.....	432	34
Republic of Philippines.....	15	51	Egypt.....	807	32
Other countries.....	7	29	Belgian Congo.....	37	56
Total.....	119	3,926	India and Dependencies.....	12,188	113
Dates, fresh, dried or otherwise prepared:			Union of South Africa.....	4	297
Canada.....	71	3,436	Other countries.....	1,349	675
Iceland.....	36	0	Total.....	31,443	33,242
Newfoundland and Labrador.....	6	9			
Mexico.....	69	88	<b>Cherries, canned:</b>		
Latin-American Republics: <sup>3</sup>	109	379	Europe.....	124	190
Other countries.....	41	373	Canada.....	20	21
Total.....	332	4,285	Newfoundland and Labrador.....	8	11
<b>Fruits, canned:</b>			Latin-American Republics: <sup>3</sup>		
Apples and applesauce, canned:			Canal Zone.....	182	38
Europe.....	79	62	Panama Republic.....	24	15
Newfoundland and Labrador.....	5	3	Venezuela.....	65	227
Canada.....	3	788	Colombia.....	24	84
Latin-American Republics: <sup>3</sup>			Cuba.....	90	40
Panama Republic.....	55	28	Peru.....	6	22
Canal Zone.....	341	276	Brazil.....	6	172
Venezuela.....	77	222	Mexico.....	4	18
Cuba.....	66	140	Costa Rica.....	10	13
Mexico.....	27	28	Nicaragua.....	5	15
Other L. A. Republics.....	57	68	Other L. A. Republics.....	27	49
Total L. A. Republics.....	623	762	Total L. A. Republics.....	443	693
British West Indies <sup>4</sup> .....	16	82	British West Indies <sup>4</sup> .....	9	33
Curacao (N. W. I.).....	61	196	Curacao (N. W. I.).....	36	64
Republic of Philippines.....	45	42	Republic of Philippines.....	259	427
Netherlands East Indies.....	6	511	Union of South Africa.....	47	261
India and Dependencies.....	86	0	Netherlands East Indies.....	( <sup>3</sup> )	10
Belgian Congo.....	91	144	China.....	70	771
Liberia.....	5	3	Belgian Congo.....	40	61
Other countries.....	115	68	Siam (Thailand).....	0	27
Total.....	1,135	2,661	Hong Kong.....	5	15
			Egypt.....	1	7
			Liberia.....	1	6
			Other countries.....	113	150
			Total.....	1,176	2,726

See footnotes on page 513.

816939-49-32

TABLE 603.—Exports (domestic) of principal agricultural products from the United States, by countries of destination, fiscal years 1945-46 and 1946-47<sup>1</sup>—Continued

Commodity exported and country of destination	Year beginning July 1—		Commodity exported and country of destination	Year beginning July 1—	
	1945-46	1946-47		1945-46	1946-47
<b>VEGETABLE PRODUCTS—continued</b>					
<b>Fruits, canned—Continued:</b>	<i>1,000 pounds</i>	<i>1,000 pounds</i>		<i>1,000 pounds</i>	<i>1,000 pounds</i>
<b>Fruits for salad, canned:</b>			<b>Other berries, canned—Continued</b>		
Belgium and Luxembourg.....	70	1,800	Curacao (N. W. I.).....	12	26
Eire (Ireland).....	0	25	Republic of Philippines.....	2	11
Sweden.....	214	1,167	Union of South Africa.....	1	10
United Kingdom.....	4,476	15,674	Other countries.....	31	42
Switzerland.....	461	770	<b>Total.....</b>	<b>563</b>	<b>893</b>
Other Europe.....	349	514			
<b>Total Europe.....</b>	<b>5,570</b>	<b>19,950</b>	<b>Peaches, canned:</b>		
Canada.....	49	1,575	Eire (Ireland).....	( <sup>2</sup> )	792
Newfoundland and Labrador.....	122	166	Sweden.....	990	3,522
Iceland.....	109	6	United Kingdom.....	13	23,427
Latin-American Republics: <sup>3</sup>			Italy.....	3,616	13
Cuba.....	1,763	2,459	Belgium and Luxembourg.....	( <sup>2</sup> )	5,744
Venezuela.....	303	1,315	France.....	18	14
Panama Republic.....	421	344	Netherlands.....	( <sup>3</sup> )	451
Canal Zone.....	151	140	Other Europe.....	1,230	885
Peru.....	44	192	<b>Total Europe.....</b>	<b>5,867</b>	<b>34,848</b>
Colombia.....	121	229	Newfoundland and Labrador.....	314	452
Costa Rica.....	85	132	Canada.....	514	1,134
Nicaragua.....	44	85	Iceland.....	17	10
El Salvador.....	34	46	Latin-American Republics: <sup>3</sup>		
Mexico.....	38	83	Cuba.....	3,035	3,141
Bolivia.....	4	11	Canal Zone.....	228	192
Other L. A. Republics.....	144	222	Panama Republic.....	278	211
<b>Total L. A. Republics.....</b>	<b>3,152</b>	<b>5,261</b>	Venezuela.....	496	1,268
Curacao (N. W. I.).....	91	214	Peru.....	153	911
British West Indies <sup>4</sup> .....	60	221	Brazil.....	79	1,306
Republic of Philippines.....	916	1,299	Colombia.....	277	305
Netherlands East Indies.....	434	147	Other L. A. Republics.....	601	701
Egypt.....	129	214	<b>Total L. A. Republics.....</b>	<b>5,147</b>	<b>8,035</b>
Belgian Congo.....	89	127	British West Indies <sup>4</sup> .....	146	434
India and Dependencies.....	6,065	129	Curacao (N. W. I.).....	213	312
Other countries.....	604	1,107	Union of South Africa.....	231	1,426
<b>Total.....</b>	<b>17,390</b>	<b>30,416</b>	Republic of Philippines.....	2,739	1,900
<b>Grapefruit, canned:</b>			Egypt.....	323	25
United Kingdom.....	7	41,648	Netherlands East Indies.....	2,264	1,510
Belgium and Luxembourg.....	0	667	India and Dependencies.....	7,938	18
Other Europe.....	25	367	China.....	452	730
<b>Total Europe.....</b>	<b>32</b>	<b>42,682</b>	Japan.....	0	14
Newfoundland and Labrador.....	9	199	Other countries.....	757	834
Canada.....	( <sup>2</sup> )	1,243	<b>Total.....</b>	<b>26,922</b>	<b>51,682</b>
Iceland.....	2	2			
Latin-American Republics: <sup>3</sup>	15	106	<b>Pears, canned:</b>		
British West Indies <sup>4</sup> .....	0	22	Eire (Ireland).....	( <sup>2</sup> )	627
Curacao (N. W. I.).....	6	40	United Kingdom.....	624	8,382
Other countries.....	52	316	Sweden.....	548	1,043
<b>Total.....</b>	<b>116</b>	<b>44,610</b>	Switzerland.....	402	385
<b>Grapes, canned:</b>			Italy.....	650	5
Canada.....	0	1	France.....	10	4
Latin-American Republics: <sup>3</sup>	1	( <sup>2</sup> )	Netherlands.....	0	31
Other countries.....	0	2	Germany.....	2	11
<b>Total.....</b>	<b>1</b>	<b>3</b>	Other Europe.....	126	581
<b>Loganberries, canned:</b>			<b>Total Europe.....</b>	<b>2,362</b>	<b>11,069</b>
Latin-American Republics: <sup>3</sup>	8	15	Canada.....	214	190
Other countries.....	0	( <sup>2</sup> )	Newfoundland and Labrador.....	294	83
<b>Total.....</b>	<b>8</b>	<b>15</b>	Iceland.....	30	22
<b>Other berries, canned:</b>			Latin-American Republics: <sup>3</sup>		
Canada.....	351	530	Cuba.....	1,701	2,151
Newfoundland and Labrador.....	15	4	Venezuela.....	315	984
Latin-American Republics: <sup>3</sup>	158	245	Panama Republic.....	233	172
British West Indies <sup>4</sup> .....	4	14	Canal Zone.....	208	62
			Colombia.....	134	166
			Costa Rica.....	77	48
			Other L. A. Republics.....	277	296
			<b>Total L. A. Republics.....</b>	<b>2,945</b>	<b>3,879</b>

See footnotes on page 513.

TABLE 603.—Exports (domestic) of principal agricultural products from the United States, by countries of destination, fiscal years 1945-46 and 1946-47<sup>1</sup>—Continued

Commodity exported and country of destination	Year beginning July 1—		Commodity exported and country of destination	Year beginning July 1—	
	1945-46	1946-47		1945-46	1946-47
<b>VEGETABLE PRODUCTS—continued</b>					
Fruits, canned—Continued	1,000 pounds	1,000 pounds	Other fruits, canned:	1,000 pounds	1,000 pounds
Pears, canned—Continued			Sweden.....	6	171
British West Indies <sup>1</sup> .....	89	178	Elre (Ireland).....	0	5
Curacao (N. W. I.).....	165	221	United Kingdom.....	1	456
French West Indies.....	5	6	Italy.....	16	26
India and Dependencies.....	4,223	1	France.....	1	6
Netherlands East Indies.....	192	77	Other Europe.....	211	437
Egypt.....	171	2			
Other countries.....	975	1,077	Total Europe.....	235	1,101
Total.....	11,575	16,805			
Pineapples, canned:			Newfoundland and Labrador.....	31	17
Elre (Ireland).....	0	277	Canada.....	4	221
Switzerland.....	899	2,106	Latin-American Republics: <sup>2</sup>		
United Kingdom.....	8,005	3,696	Venezuela.....	34	260
U. S. S. R.....	145	0	Mexico.....	13	41
Sweden.....	2,285	1,777	Canal Zone.....	18	25
Italy.....	527	2	Panama Republic.....	6	12
Belgium and Luxembourg.....	24	4,970	Cuba.....	43	284
France.....	13	3	Colombia.....	12	23
Norway.....	0	34	Brazil.....	3	213
Netherlands.....	0	129	Other L. A. Republics.....	13	46
Germany.....	3	16			
Other Europe.....	360	293	Total L. A. Republics.....	142	904
Total Europe.....	12,251	13,303			
Canada.....	67	1,693	Curacao (N. W. I.).....	24	79
Newfoundland and Labrador.....	28	207	British West Indies <sup>1</sup> .....	3	47
Iceland.....	11	4	Republic of Philippines.....	39	67
Latin-American Republics: <sup>2</sup>			Belgian Congo.....	( <sup>3</sup> )	45
Canal Zone.....	311	163	Union of South Africa.....	40	24
Panama Republic.....	38	16	Egypt.....	0	9
Venezuela.....	95	133	India and Dependencies.....	1,740	10
Peru.....	24	62	Other countries.....	65	148
Mexico.....	10	9			
Other L. A. Republics.....	26	107	Total.....	2,323	2,672
Total L. A. Republics.....	504	490			
Curacao (N. W. I.).....	105	138	Fruit pulp:		
British West Indies <sup>1</sup> .....	70	128	United Kingdom.....	1,066	0
Republic of Philippines.....	397	716	Newfoundland and Labrador.....	12	42
China.....	139	257	Canada.....	632	1,013
India and Dependencies.....	6,510	0	Mexico.....	1	23
Egypt.....	628	54	Bahamas.....	758	60
Other countries.....	1,183	343	Other countries.....	18	181
Total.....	21,903	17,333	Total.....	2,487	1,319
Prunes and plums, canned:					
United Kingdom.....	207	3,091	Grapefruit juice:	1,000 gallons	1,000 gallons
Other Europe.....	65	821	Belgium and Luxembourg.....	42	236
Canada.....	244	104	Italy.....	56	38
Newfoundland and Labrador.....	32	97	U. S. S. R.....	0	0
Iceland.....	17	0	Poland and Danzig.....	1,475	177
Latin-American Republics: <sup>2</sup>			Czechoslovakia.....	1,188	394
Venezuela.....	151	224	Yugoslavia.....	1,151	( <sup>3</sup> )
Canal Zone.....	122	51	Greece.....	903	169
Panama Republic.....	20	55	Germany.....	2	475
Cuba.....	227	153	Other Europe.....	37	95
Brazil.....	18	104			
Mexico.....	16	27	Total Europe.....	5,550	1,584
Costa Rica.....	17	24			
Colombia.....	32	91	Canada.....	1,184	6,796
Ecuador.....	4	2	Newfoundland and Labrador.....	29	44
Other L. A. Republics.....	25	37	Iceland.....	4	0
Total L. A. Republics.....	632	778	Latin-American Republics: <sup>2</sup>		
Curacao (N. W. I.).....	38	91	Canal Zone.....	22	22
British West Indies <sup>1</sup> .....	8	34	Panama Republic.....	2	4
Union of South Africa.....	10	62	Venezuela.....	22	29
Republic of Philippines.....	388	99	Cuba.....	1	3
Netherlands East Indies.....	1	23	Mexico.....	20	23
Belgian Congo.....	58	1	Other L. A. Republics.....	9	16
Other countries.....	127	222			
Total.....	1,827	7,855	Total L. A. Republics.....	76	97
			British West Indies <sup>1</sup> .....	7	20
			Curacao (N. W. I.).....	4	9
			British Malaya.....	1	10
			Netherlands East Indies.....	11	7

See footnotes on page 513.

TABLE 603.—Exports (domestic) of principal agricultural products from the United States, by countries of destination, fiscal years 1945-46 and 1946-47<sup>1</sup>—Continued

Commodity exported and country of destination	Year beginning July 1—		Commodity exported and country of destination	Year beginning July 1—	
	1945-46	1946-47		1945-46	1946-47
<b>VEGETABLE PRODUCTS—continued</b>	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<b>Other fruit juices—Continued</b>	<i>1,000 gallons</i>	<i>1,000 gallons</i>
Grapefruit juice—Continued			Latin American Republics—Con.		
Republic of Philippines.....	22	10	Mexico.....	25	69
China.....	60	18	Cuba.....	94	136
Japan.....	0	6	Dominican Republic.....	14	22
Other countries.....	38	22	Brazil.....	2	33
Total.....	6,986	8,623	Ecuador.....	7	1
<b>Orange juice:</b>			Colombia.....	15	32
Italy.....	41	124	Peru.....	3	5
United Kingdom.....	737	1,230	Other L. A. Republics.....	20	21
Poland and Danzig.....	1,250	( <sup>a</sup> )	Total L. A. Republics.....	359	866
U. S. S. R.....	242	0	Curacao (N. W. I.).....	51	46
Czechoslovakia.....	447	1,014	British West Indies <sup>4</sup> .....	13	38
Yugoslavia.....	308	( <sup>a</sup> )	Republic of Philippines.....	65	42
Greece.....	202	1	Hong Kong.....	14	13
Belgium and Luxembourg.....	92	333	China.....	65	9
Germany.....	9	19	India and Dependencies.....	35	( <sup>a</sup> )
Other Europe.....	264	93	Other countries.....	115	121
Total Europe.....	3,592	2,814	Total.....	2,875	6,403
Canada.....	463	2,511	<b>Grains and grain products:</b>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
Newfoundland and Labrador.....	49	79	Barley, grain (48 lbs.):		
Iceland.....	17	( <sup>a</sup> )	Portugal.....	3	( <sup>a</sup> )
Latin American Republics: <sup>2</sup>			Switzerland.....	0	14
Canal Zone.....	59	20	Germany.....	0	2,518
Panama Republic.....	3	10	U. S. S. R.....	3	0
Venezuela.....	29	111	Poland and Danzig.....	0	116
Mexico.....	10	23	Belgium and Luxembourg.....	387	43
Other L. A. Republics.....	8	29	Netherlands.....	187	97
Total L. A. Republics.....	109	193	Norway.....	104	0
Curacao (N. W. I.).....	18	36	Greece.....	50	248
British West Indies <sup>4</sup> .....	17	18	Austria.....	0	206
British Malaya.....	6	13	Other Europe.....	1	( <sup>a</sup> )
India and Dependencies.....	98	2	Total Europe.....	735	3,242
Other countries.....	585	197	Canada.....	21	( <sup>a</sup> )
Total.....	4,954	5,863	Mexico.....	337	149
<b>Pineapple juice:</b>			Other L. A. Republics: <sup>2</sup> .....	1	6
Europe.....	36	162	Australia.....	938	0
Canada.....	244	197	French Morocco.....	751	0
Newfoundland and Labrador.....	5	14	New Zealand.....	104	0
Latin American Republics: <sup>2</sup> .....	128	178	Algeria.....	57	11
Curacao (N. W. I.).....	33	25	Japan.....	0	6,818
British West Indies <sup>4</sup> .....	32	25	Other countries.....	23	( <sup>a</sup> )
Republic of Philippines.....	29	38	Total.....	2,967	10,226
Other countries.....	34	48	<b>Corn, grain (56 lbs.):</b>		
Total.....	541	685	United Kingdom.....	4	4,832
<b>Other fruit juices:<sup>10</sup></b>			Austria.....	334	3,996
United Kingdom.....	126	17	Portugal.....	301	2,338
Poland and Danzig.....	691	2	U. S. S. R.....	9	( <sup>a</sup> )
Czechoslovakia.....	302	364	Switzerland.....	40	1,374
U. S. S. R.....	58	( <sup>a</sup> )	Belgium and Luxembourg.....	874	2,722
Belgium and Luxembourg.....	50	129	France.....	674	10,307
Italy.....	48	111	Netherlands.....	312	3,920
Yugoslavia.....	107	2	Norway.....	0	339
Greece.....	100	32	Germany.....	1,839	26,605
Germany.....	21	34	Yugoslavia.....	854	0
Other Europe.....	13	72	Poland and Danzig.....	680	1,924
Total Europe.....	1,516	763	Italy.....	893	17,637
Canada.....	636	4,493	Czechoslovakia.....	320	0
Newfoundland and Labrador.....	6	12	Rumania.....	0	2,046
Latin American Republics: <sup>2</sup>			Greece.....	539	2,713
Venezuela.....	110	454	Other Europe.....	7	812
Canal Zone.....	34	16	Total Europe.....	7,630	81,565
Panama Republic.....	35	77			

See footnotes on page 513.

TABLE 603.—Exports (domestic) of principal agricultural products from the United States, by countries of destination, fiscal years 1945-46 and 1946-47<sup>1</sup>—Continued

Commodity exported and country of destination	Year beginning July 1—		Commodity exported and country of destination	Year beginning July 1—	
	1945-46	1946-47		1945-46	1946-47
<b>VEGETABLE PRODUCTS—continued</b>			<b>Oats, grain (32 lbs.)—Continued:</b>		
Grains and grain products—Con.:	1,000 bushels	1,000 bushels	Italy.....	1,321	473
Corn, grain—Continued (56 lbs.):			Poland and Danzig.....	279	21
Canada.....	1,363	6,418	Finland.....	0	994
Latin-American Republics: <sup>1</sup>			Switzerland.....	0	1,731
Cuba.....	138	45	Portugal.....	0	1
Guatemala.....	236	( <sup>1</sup> )	United Kingdom.....	0	633
Venezuela.....	1	747	Belgium and Luxembourg.....	2,695	350
Mexico.....	586	37	Other Europe.....	23	568
Other L. A. Republics.....	1	23			
Total L. A. Republics.....	962	852	Total Europe.....	10,440	15,945
French & Nether W. Indies.....	8	( <sup>1</sup> )	Canada.....	1	3
British West Indies.....	1	249	Latin-American Republics: <sup>1</sup>		
India and Dependencies.....	2,619	1,718	Mexico.....	116	114
Japan.....	( <sup>1</sup> )	12,382	Honduras.....	20	42
Other countries.....	427	2,708	Venezuela.....	14	37
Total.....	13,010	105,892	Dominican Republic.....	17	19
	1,000 pounds	1,000 pounds	Panama Republic.....	12	21
Cornstarch and corn flour:			Canal Zone.....	0	21
United Kingdom.....	34,645	138,393	Cuba.....	72	441
Eire (Ireland).....	5	257	Other L. A. Republics.....	7	13
Portugal.....	85	391			
U. S. S. R.....	191	0	Total L. A. Republics.....	258	708
Belgium and Luxembourg.....	22	14,233	British West Indies.....	5	2
Sweden.....	583	2,641	French West Indies.....	1	3
Norway.....	791	730	Algeria.....	3,874	0
Denmark.....	1	133	Union of South Africa.....	1,017	968
Germany.....	11	477	French Morocco.....	390	0
Switzerland.....	1,347	1,696	Tunisia.....	1	1
Greece.....	3	534	Republic of Philippines.....	0	125
France.....	1	26,705	Japan.....	0	2
Other Europe.....	465	277	Other countries.....	3	
Total Europe.....	38,149	186,467	Total.....	18,291	17,757
	1,000 pounds	1,000 pounds			
Canada.....	3,570	9,002	Oatmeal:		
Newfoundland and Labrador.....	160	334	Portugal.....	321	2,078
Latin-American Republics: <sup>1</sup>			Greece.....	320	2,142
Cuba.....	4,907	4,841	United Kingdom.....	1,215	0
Colombia.....	917	104	U. S. S. R.....	1,900	0
Mexico.....	641	(95)	Switzerland.....	47	75
Peru.....	1,157	1,669	Italy.....	3,714	1,140
Canal Zone.....	267	182	Belgium and Luxembourg.....	2,278	7,234
Panama Republic.....	215	318	Netherlands.....	205	0
Other L. A. Republics.....	782	979	Germany.....	1	21,410
Total L. A. Republics.....	8,886	8,488	Other Europe.....	811	332
British West Indies.....	213	355	Total Europe.....	10,902	34,411
Curacao (N. W. I.).....	153	686	Canada.....	154	106
British Honduras.....	34	29	Iceland.....	120	436
India and Dependencies.....	2,690	4,272	Latin-American Republics: <sup>1</sup>		
Republic of Philippines.....	5,447	8,153	Venezuela.....	4,564	7,901
Egypt.....	33	411	Brazil.....	2,332	5,776
China.....	93	316	Mexico.....	4,284	4,604
Netherlands East Indies.....	6	773	Colombia.....	1,486	2,986
Hong Kong.....	18	288	Cuba.....	1,962	2,801
New Zealand.....	2,086	2,182	Honduras.....	598	734
Union of South Africa.....	121	318	Panama Republic.....	763	1,192
Other countries.....	1,354	2,072	Canal Zone.....	513	374
Total.....	63,013	224,046	Dominican Republic.....	1,278	1,798
	1,000 bushels	1,000 bushels	Guatemala.....	293	555
Oats, grain (32 lbs.):			Costa Rica.....	370	768
Yugoslavia.....	1,562	1	Peru.....	459	1,238
Greece.....	2,141	103	Other L. A. Republics.....	1,677	2,761
France.....	1,250	0			
Czechoslovakia.....	1,267	0	Total L. A. Republics.....	20,599	33,188
Netherlands.....	2	1,894	Curacao (N. W. I.).....	478	622
Germany.....	0	8,046	British West Indies.....	152	211
Sweden.....	0	574	Surinam.....	71	194
Austria.....	0	566	Netherlands East Indies.....	887	1,339
			Republic of Philippines.....	1,541	1,556

See footnotes on page 513.



TABLE 603.—Exports (domestic) of principal agricultural products from the United States, by countries of destination, fiscal years 1945-46 and 1946-47<sup>1</sup>—Continued

Commodity exported and country of destination	Year beginning July 1—		Commodity exported and country of destination	Year beginning July 1—	
	1945-46	1946-47		1945-46	1946-47
<b>VEGETABLE PRODUCTS—continued</b>					
Grains and grain products—Con.:	1,000	1,000	Wheat, grain (60 lbs.)—Con.:	1,000	1,000
Oatmeal—Continued	pounds	pounds	Austria.....	bushels	bushels
Egypt.....	504	61	Finland.....	744	6,724
India and Dependencies.....	462	270	Belgium and Luxembourg.....	312	2,633
Iraq.....	147	0	Yugoslavia.....	16,902	7,915
Other countries.....	2,877	1,595	Netherlands.....	15,772	0
Total.....	38,894	73,989	Germany.....	10,505	11,128
Rice, paddy or rough:			Norway.....	3,830	25,921
Canada.....	40,967	32,473	France.....	94	3,711
Latin-American Republics: <sup>2</sup>	1,018	1,802	Italy.....	44,000	4,212
Other countries.....	1,822	6	Greece.....	39,520	14,642
Total.....	43,807	34,281	Czechoslovakia.....	15,155	6,390
Rice, cleaned or milled:			Other Europe.....	4,626	2,377
Poland and Danzig.....	1,610	4	Total Europe.....	9,551	7,568
Yugoslavia.....	1,221	22	Canada.....	719	274
Switzerland.....	(4)	11	Latin-American Republics: <sup>2</sup>	10,681	11,310
United Kingdom.....	451	0	Mexico.....	125	85
U. S. S. R.....	8,130	0	Honduras.....	3	27
Greece.....	2,039	66	El Salvador.....	0	296
Netherlands.....	90	9	Dominican Republic.....	25	33
France.....	2,555	32	Cuba.....	76	86
Denmark.....	0	1	Brazil.....	588	1,377
Belgium and Luxembourg.....	951	113	Peru.....	926	449
Italy.....	3	28	Uruguay.....	638	1,314
Other Europe.....	1,101	9	Other L. A. Republics.....	27	766
Total Europe.....	18,153	295	Total L. A. Republics.....	13,089	15,743
Canada.....	3,429	2,652	China.....	9,858	3,147
Iceland.....	954	855	Egypt.....	1,856	0
Newfoundland and Labrador.....	455	334	Algeria.....	22,033	1,032
Latin-American Republics: <sup>2</sup>			Japan.....	0	13,522
Cuba.....	341,903	453,500	India and Dependencies.....	5,795	18,542
Venezuela.....	161	258	Other countries.....	8,399	1,311
Canal Zone.....	4,518	251	Total.....	226,263	175,106
Other L. A. Republics.....	1,923	1,260	Wheat flour, wholly of United States wheat (100 lbs.):	1,000	1,000
Total L. A. Republics.....	348,505	455,269	Finland.....	bags	bags
British West Indies <sup>4</sup> .....	10,041	2,044	United Kingdom.....	170	796
French West Indies.....	1,361	0	Greece.....	3,514	4,226
Curacao (N. W. I.).....	843	446	Portugal.....	412	2,046
Republic of Philippines.....	167,882	272,420	Belgium and Luxembourg.....	243	572
French Pacific Islands.....	883	103	U. S. S. R.....	1,615	4,201
Liberia.....	3,472	5,040	Spain.....	562	(7)
China.....	63,589	49,234	Switzerland.....	147	(5)
Netherlands East Indies.....	60,140	0	Italy.....	69	1,028
Japan.....	0	6,031	Poland and Danzig.....	3,946	7,552
Other countries.....	3,904	24,074	France.....	756	1,910
Total.....	683,611	818,797	Norway.....	3,915	3,403
Rye, grain (56 lbs.):	1,000	1,000	Denmark.....	145	901
United Kingdom.....	bushels	bushels	Eire (Ireland).....	0	33
France.....	780	0	Czechoslovakia.....	0	663
Belgium and Luxembourg.....	0	368	Netherlands.....	507	753
Czechoslovakia.....	1,396	0	Germany.....	230	3,371
Norway.....	342	0	Yugoslavia.....	666	14,546
Yugoslavia.....	1,406	0	Austria.....	1,866	1
Germany.....	1,322	0	Other Europe.....	179	1,617
Austria.....	241	193	Total Europe.....	198	47
Other Europe.....	678	0	Canada.....	4	32
Other countries.....	0	1	Iceland.....	1	17
Total.....	6,165	573	Latin-American Republics: <sup>2</sup>		
Wheat, grain (60 lbs.):			Cuba.....	3,371	3,539
Azores.....	11	75	Ecuador.....	434	691
United Kingdom.....	3,492	24,189	Guatemala.....	240	206
Eire (Ireland).....	0	645	Canal Zone.....	98	62
Switzerland.....	0	3,405	Panama Republic.....	86	128
			Nicaragua.....	125	133
			Brazil.....	2,850	8,758
			Costa Rica.....	146	94

See footnotes on page 513.



TABLE 603.—Exports (domestic) of principal agricultural products from the United States, by countries of destination, fiscal years 1945-46 and 1946-47<sup>1</sup>—Continued

Commodity exported and country of destination	Year beginning July 1—		Commodity exported and country of destination	Year beginning July 1—	
	1945-46	1946-47		1945-46	1946-47
<b>VEGETABLE PRODUCTS—continued</b>			<b>Feeds:</b>		
Grains and grain products—Con.:			Cottonseed cake and meal:	2,240-lb. tons	2,240-lb. tons
Wheat flour, wholly of United States wheat (100 lbs.)—Con.	1,000 bags	1,000 bags	Denmark.....	0	4,173
Latin-American Republics—Con.			Other Europe.....	0	1,112
Venezuela.....	249	1,111	Canada.....	4	14
Haiti.....	128	140	Mexico.....	9	37
Mexico.....	731	1,114	Other countries.....	0	0
Colombia.....	140	290	Total.....	13	5,336
Dominican Republic.....	13	119			
Other L. A. Republics.....	862	568	Linseed cake and meal:		
Total L. A. Republics.....	9,473	16,953	Eire (Ireland).....	0	138
French West Indies.....	121	376	Belgium and Luxembourg.....	280	1,664
Curacao (N. W. I.).....	29	91	Canada.....	7	(1)
British West Indies <sup>1</sup> .....	240	346	British West Indies <sup>1</sup> .....	10	86
China.....	1,439	1,077	Other countries.....	0	(1)
Republic of Philippines.....	2,325	3,106	Total.....	277	1,888
Hong Kong.....	69	430			
Egypt.....	698	0	Grain sorghums (56 lbs.): <sup>12</sup>	1,000 bushels	1,000 bushels
British West Africa <sup>1</sup> .....	71	42	Netherlands.....	730	0
Algeria.....	0	107	Belgium and Luxembourg.....	553	0
Japan.....	0	2,987	France.....	192	11
Korea.....	0	190	Germany.....	0	664
Other countries.....	1,399	6,957	Austria.....	0	60
Total.....	35,099	80,377	Poland and Danzig.....	79	0
Other wheat flour (100 lbs.):			Yugoslavia.....	253	0
United Kingdom.....	290	16	Greece.....	229	0
Portugal.....	284	34	Other Europe.....	0	0
Greece.....	28	21	Total Europe.....	2,033	735
Spain.....	15	0			
Italy.....	77	39	Canada.....	1	(2)
Sweden.....	25	24	Cuba.....	6	5
Poland and Danzig.....	5	(2)	Mexico.....	2	3
Czechoslovakia.....	4	0	Other L. A. Republics <sup>1</sup> .....	(2)	(2)
France.....	283	142	Aden.....	0	305
Belgium and Luxembourg.....	107	0	India and Dependencies.....	0	13,515
Netherlands.....	(3)	2	Ceylon.....	0	1,755
Norway.....	281	(2)	Hong Kong.....	0	396
Germany.....	0	210	French Morocco.....	66	0
Other Europe.....	0	(2)	Australia.....	322	0
Total Europe.....	1,399	488	Japan.....	0	1,674
			Other countries.....	(2)	(2)
Canada.....	101	13	Total.....	2,430	18,388
Iceland.....	6	21			
Latin-American Republics: <sup>2</sup>				1,000 pounds	1,000 pounds
Cuba.....	157	210	Hops:		
Venezuela.....	531	197	Eire (Ireland).....	114	437
Panama Republic.....	337	33	United Kingdom.....	71	5
Canal Zone.....	(2)	25	Portugal.....	101	120
Costa Rica.....	137	41	Italy.....	124	34
Brazil.....	909	491	Belgium and Luxembourg.....	1,028	92
Dominican Republic.....	219	97	Netherlands.....	240	0
Haiti.....	186	112	Sweden.....	144	0
Guatemala.....	42	42	Spain.....	110	0
Ecuador.....	43	27	Other Europe.....	92	13
Colombia.....	79	8	Total Europe.....	2,024	701
Nicaragua.....	10	3	Canada.....	3,168	3,111
Mexico.....	108	105	Iceland.....	10	0
Other L. A. Republics.....	2,585	1,433	Latin-American Republics: <sup>2</sup>		
Total L. A. Republics.....	2,585	1,433	Mexico.....	2,430	1,551
French West Indies.....	168	54	Brazil.....	1,393	1,172
Curacao (N. W. I.).....	75	31	Argentina.....	1,413	928
British West Indies <sup>1</sup> .....	111	23	Chile.....	265	326
British West Africa <sup>1</sup> .....	135	74	Cuba.....	381	374
Egypt.....	19	0	Venezuela.....	265	180
Hong Kong.....	2	6	Uruguay.....	112	113
Republic of Philippines.....	26	12	Ecuador.....	45	86
China.....	77	(2)	Colombia.....	482	1,211
Other countries.....	804	699	Panama Republic.....	25	110
Total.....	5,508	2,854	Bolivia.....	110	103
			Peru.....	135	169
			Other L. A. Republics.....	119	136
			Total L. A. Republics.....	7,175	6,458

See footnotes on page 513.

TABLE 603.—Exports (domestic) of principal agricultural products from the United States, by countries of destination, fiscal years 1945-46 and 1946-47<sup>1</sup>—Continued

Commodity exported and country of destination	Year beginning July 1—		Commodity exported and country of destination	Year beginning July 1—	
	1945-46	1946-47		1945-46	1946-47
<b>VEGETABLE PRODUCTS—continued</b>					
<b>Grains and Grain Products—Con.</b>					
<b>Hops—Continued:</b>					
British West Indies <sup>4</sup> .....	20	17	Peanuts, not shelled:	1,000 pounds	1,000 pounds
Australia.....	290	857	Switzerland.....	1,688	3,409
Union of South Africa.....	622	379	Other Europe.....	19	239
Egypt.....	181	72	Total Europe.....	1,707	3,648
China.....	45	38	Canada.....	2,132	12,192
India and Dependencies.....	94	72	Newfoundland and Labrador.....	37	21
Other countries.....	769	454	Latin-American Republics: <sup>2</sup>		
Total.....	14,398	12,159	Panama Republic.....	5	9
			Cuba.....	0	981
<b>Nuts:</b>			Other L. A. Republics.....	23	96
Almonds, sweet:			Total L. A. Republics.....	28	1,086
Iceland.....	6	0	Curacao (N. W. I.).....	6	54
Canada.....	44	871	British West Indies <sup>4</sup> .....	199	120
Latin-American Republics: <sup>2</sup>			British Guiana.....	0	129
Cuba.....	12	9	Republic of Philippines.....	12	0
Peru.....	6	5	Other countries.....	4	1,124
Mexico.....	35	40	Total.....	4,125	18,374
Costa Rica.....	7	3			
Guatemala.....	22	35	Pecans, shelled:		
Dominican Republic.....	12	10	Sweden.....	( <sup>3</sup> )	3
Other L. A. Republics.....	35	66	Canada.....	900	206
Total L. A. Republics.....	134	173	Latin-American Republics: <sup>2</sup>		
Republic of Philippines.....	113	18	Cuba.....	1	( <sup>3</sup> )
Other countries.....	23	41	Canal Zone.....	24	21
Total.....	320	1,103	Panama Republic.....	( <sup>3</sup> )	( <sup>3</sup> )
			Honduras.....	( <sup>3</sup> )	1
<b>Filberts:</b>			Venezuela.....	2	3
Canada.....	43	88	Mexico.....	1	1
Mexico.....	3	16	Other L. A. Republics.....	3	2
Brazil.....	20	0	Total L. A. Republics.....	31	28
Cuba.....	194	308	British West Indies <sup>4</sup> .....	( <sup>3</sup> )	( <sup>3</sup> )
Other L. A. Republics <sup>2</sup> .....	31	38	Republic of Philippines.....	2	( <sup>3</sup> )
Other countries.....	24	15	Other countries.....	7	6
Total.....	315	465	Total.....	940	243
<b>Peanuts, shelled:</b>					
Germany.....	1	54	Pecans, not shelled:		
Netherlands.....	0	9,682	Sweden.....	205	173
France.....	2	43,774	Canada.....	1,828	758
Belgium and Luxembourg.....	0	38,028	Latin-American Republics: <sup>2</sup>		
U. S. S. R.....	4,061	978	Cuba.....	15	6
Switzerland.....	81	2,332	Canal Zone.....	12	( <sup>3</sup> )
Czechoslovakia.....	1,423	384	Panama Republic.....	( <sup>3</sup> )	( <sup>3</sup> )
Yugoslavia.....	1,002	1	Honduras.....	4	4
Austria.....	501	9	Venezuela.....	4	2
Other Europe.....	540	9,335	Mexico.....	5	6
Total Europe.....	7,611	104,577	Other L. A. Republics.....	18	5
Canada.....	29,882	42,876	Total L. A. Republics.....	57	23
Newfoundland and Labrador.....	46	32	British West Indies <sup>4</sup> .....	5	1
Latin-American Republics: <sup>2</sup>			Republic of Philippines.....	25	3
Panama Republic.....	29	33	Other countries.....	50	37
Canal Zone.....	67	118	Total.....	2,170	995
Venezuela.....	19	11			
Cuba.....	8	9	Walnuts, shelled:		
Colombia.....	2	41	Newfoundland and Labrador.....	28	4
Other L. A. Republics.....	30	26	Canada.....	174	202
Total L. A. Republics.....	155	608	Latin-American Republics: <sup>2</sup>		
Curacao (N. W. I.).....	22	49	Cuba.....	1	2
British West Indies <sup>4</sup> .....	38	81	Venezuela.....	7	8
Republic of Philippines.....	45	337	Mexico.....	6	19
New Zealand.....	( <sup>3</sup> )	1	Canal Zone.....	13	8
Japan.....	0	452	Panama Republic.....	( <sup>3</sup> )	1
Other countries.....	34	75	Other L. A. Republics.....	2	5
Total.....	37,833	149,088	Total L. A. Republics.....	29	43

See footnotes on page 513.

## EXPORTS BY COUNTRIES OF DESTINATION

503

TABLE 603.—Exports (domestic) of principal agricultural products from the United States, by countries of destination, fiscal years 1945-46 and 1946-47<sup>1</sup>—Continued

Commodity exported and country of destination	Year beginning July 1—		Commodity exported and country of destination	Year beginning July 1—	
	1945-46	1946-47		1945-46	1946-47
<b>VEGETABLE PRODUCTS—continued</b>					
Nuts—Continued:	1,000 pounds	1,000 pounds	Other nuts—Continued:	1,000 pounds	1,000 pounds
Walnuts, shelled—Continued:			Curacao (N. W. I.)	120	137
British West Indies <sup>4</sup>	( <sup>2</sup> )	( <sup>2</sup> )	British West Indies <sup>4</sup>	100	144
Union of South Africa	1	( <sup>2</sup> )	Republic of Philippines	233	69
Republic of Philippines	1	( <sup>2</sup> )	Union of South Africa	17	26
Other countries	11	13	New Zealand	1	0
Total	244	262	Other countries	295	86
Walnuts, not shelled:			Total	17,092	6,021
Sweden	250	648			
United Kingdom	0	1	<b>Oils:</b>		
Switzerland	80	0	Cooking fats other than lard:		
Canada	4,446	2,859	Czechoslovakia	24	1,164
Newfoundland and Labrador	5	8	United Kingdom	2	2
Iceland	1	0	U. S. S. R.	0	5
Latin-American Republics: <sup>3</sup>			France	10	6
Brazil	417	238	Italy	255	211
Uruguay	142	122	Poland and Danzig	2,169	1,692
Cuba	468	431	Yugoslavia	918	0
Argentina	0	60	Finland	762	0
Peru	59	5	Other Europe	32	108
Venezuela	45	127	Total Europe	4,172	3,248
Mexico	63	121			
Dominican Republic	30	23	Canada	1,744	311
Canal Zone	40	18	Newfoundland and Labrador	9	185
Panama Republic	20	6	Latin-American Republics: <sup>3</sup>		
Other L. A. Republics	101	98	Canal Zone	922	1,151
Total L. A. Republics	1,385	1,249	Panama Republic	190	103
British West Indies <sup>4</sup>	6	6	Venezuela	136	63
Union of South Africa	179	203	Guatemala	169	310
Republic of Philippines	64	26	Costa Rica	175	66
New Zealand	( <sup>2</sup> )	( <sup>2</sup> )	Other L. A. Republics	242	563
Other countries	8	29	Total L. A. Republics	1,834	2,256
Total	6,424	5,029			
<b>Other nuts:<sup>11</sup></b>			Curacao (N. W. I.)	421	381
Germany	1	165	French West Indies	35	0
Netherlands	722	1	British West Indies <sup>4</sup>	56	150
Poland and Danzig	1,673	909	Other countries	523	1,747
Czechoslovakia	2,754	( <sup>2</sup> )	Total	8,794	8,278
U. S. S. R.	6,310	181			
Italy	1,068	11	<b>Corn oil, edible:</b>		
Hungary	0	368	Europe	( <sup>2</sup> )	5
Sweden	( <sup>2</sup> )	89	Canada	182	97
Switzerland	0	243	Latin-American Republics: <sup>3</sup>	120	58
Yugoslavia	987	12	Curacao (N. W. I.)	4	0
Greece	1,350	3	French West Indies	0	0
United Kingdom	2	3	India and Dependencies	0	1
Other Europe	181	62	Other countries	5	4
Total Europe	15,048	2,047	Total	311	165
Canada	743	2,644			
Newfoundland and Labrador	103	168	<b>Cottonseed oil:</b>		
Iceland	6	11	Germany	0	6
Latin-American Republics: <sup>3</sup>			France	2,481	5,058
Mexico	129	306	Sweden	784	0
Colombia	34	54	Other Europe	258	29
Cuba	19	24	Total Europe	3,523	5,093
Canal Zone	105	143			
Panama Republic	12	14	Canada	389	129
Guatemala	29	81	Iceland	2	0
Peru	7	4	Latin-American Republics: <sup>3</sup>		
Honduras	1	12	Colombia	14	7
Brazil	3	6	Canal Zone	1,301	148
Argentina	( <sup>2</sup> )	2	Panama Republic	8	5
Other L. A. Republics	21	24	Cuba	49	13
Total L. A. Republics	366	689	Venezuela	27	11
			Mexico	8	3
			Haiti	8	0
			Other L. A. Republics	26	25
			Total L. A. Republics	1,441	212

See footnotes on page 518.

TABLE 603.—Exports (domestic) of principal agricultural products from the United States, by countries of destination, fiscal years 1945-46 and 1946-47<sup>1</sup>—Continued

Commodity exported and country of destination	Year beginning July 1—		Commodity exported and country of destination	Year beginning July 1—	
	1945-46	1946-47		1945-46	1946-47
<b>VEGETABLE PRODUCTS—continued</b>	<i>1,000 pounds</i>	<i>1,000 pounds</i>		<i>1,000 pounds</i>	<i>1,000 pounds</i>
Cottonseed oil—Continued			Soybean oil, crude—Continued		
Curacao (N. W. I.).....	220	86	Canada.....	3,177	3,599
British West Indies <sup>4</sup> .....	1	7	Iceland.....	7	0
Republic of Philippines.....	196	1,008	Cuba.....	2,338	2,984
British Malaya.....	7	0	Other L. A. Republics <sup>2</sup> .....	80	38
Netherlands East Indies.....	10	112	Other countries.....	38	71
Other countries.....	106	232			
Total.....	5,895	7,479	Total.....	5,651	25,728
<b>Linseed oil:</b>			<b>Soybeans:</b>		
U. S. S. R.....	247	0	United Kingdom.....	20,373	16,349
France.....	15,976	2	U. S. S. R.....	213	0
Other Europe.....	16	4	France.....	116,592	20,652
Canada.....	271	266	Netherlands.....	21,458	0
Iceland.....	475	( <sup>3</sup> )	Belgium and Luxembourg.....	9,975	0
<b>Latin-American Republics:<sup>2</sup></b>			Greece.....	14,016	0
Cuba.....	1,185	99	Poland and Danzig.....	3,788	0
Venezuela.....	382	28	Norway.....	33,232	42,559
Canal Zone.....	138	160	Denmark.....	981	0
Panama Republic.....	16	1	Austria.....	0	11,775
Chile.....	35	35	Germany.....	0	18,453
Peru.....	68	34	Other Europe.....	2,374	2
Mexico.....	24	11			
Costa Rica.....	87	8	Total Europe.....	223,002	109,790
Haiti.....	25	6			
Bolivia.....	40	32	Canada.....	78,223	105,242
Other L. A. Republics.....	479	83	<b>Latin-American Republics:<sup>2</sup></b>		
Total L. A. Republics.....	2,479	497	Venezuela.....	2	12
<b>French West Indies</b>			Cuba.....	38	64
Curacao (N. W. I.).....	28	0	Argentina.....	0	11
British West Indies <sup>4</sup> .....	35	20	Mexico.....	( <sup>1</sup> )	1
Republic of Philippines.....	2	6	Other L. A. Republics.....	3	2
Belgian Congo.....	107	67			
Union of South Africa.....	44	1	Total L. A. Republics.....	43	90
Other countries.....	0	7			
Total.....	362	73	Japan.....	0	14,078
	20,042	933	Republic of Philippines.....	2,658	1,037
			Other countries.....	16	281
<b>Soybean oil, edible:</b>			Total.....	303,942	230,516
Italy.....	785	9,153			
Finland.....	0	1,812	<b>Soya flour:</b>		
Sweden.....	0	27	Austria.....	0	20,538
U. S. S. R.....	1,616	1	Belgium and Luxembourg.....	5	777
Czechoslovakia.....	612	3,601	Germany.....	0	1,807
Spain.....	3,798	7,688	Sweden.....	4	1,064
Netherlands.....	5,631	2,409	Switzerland.....	0	1,308
Belgium and Luxembourg.....	5,673	4,553	U. S. S. R.....	1,467	400
France.....	4,674	7,617	United Kingdom.....	1	2,900
Other Europe.....	64	2,129	Greece.....	10,727	10,060
Total Europe.....	22,853	39,080	Yugoslavia.....	19,417	0
			Italy.....	23,063	59,490
Canada.....	4,310	6,844	Netherlands.....	21,380	11,065
Iceland.....	1,888	997	Czechoslovakia.....	23,409	6,895
Cuba.....	10,783	6,177	Poland and Danzig.....	10,024	15,160
Other L. A. Republics <sup>2</sup> .....	1,961	1,675	Other Europe.....	239	286
French West Indies.....	2,539	1,853			
Curacao (N. W. I.).....	507	890	Total Europe.....	109,736	131,802
British West Indies <sup>4</sup> .....	37	204			
New Zealand.....	356	223	Canada.....	3,024	3,030
Union of South Africa.....	24	19	Iceland.....	19	2
Other countries.....	2,222	3,179	<b>Latin-American Republics:<sup>2</sup></b>		
Total.....	47,480	61,141	Mexico.....	93	248
			Cuba.....	15	22
<b>Soybean oil, crude:</b>			Other L. A. Republics.....	66	89
Belgium and Luxembourg.....	0	3,727	Total L. A. Republics.....	174	359
Denmark.....	0	1,763			
France.....	0	1,279	New Zealand.....	25	34
Switzerland.....	0	1,873	China.....	13,234	38,099
United Kingdom.....	0	4,574	Other countries.....	281	2,191
Netherlands.....	0	6,111			
Other Europe.....	11	709	Total.....	126,493	175,517
Total Europe.....	11	19,636			

See footnotes on page 513.

TABLE 603.—Exports (domestic) of principal agricultural products from the United States, by countries of destination, fiscal years 1945-46 and 1946-47<sup>1</sup>—Continued

Commodity exported and country of destination	Year beginning July 1—		Commodity exported and country of destination	Year beginning July 1—	
	1945-46	1946-47		1945-46	1946-47
<b>VEGETABLE PRODUCTS—continued</b>	<b>\$, 000-lb.</b>	<b>\$, 000-lb.</b>	<b>Tobacco leaf—Continued</b>	<b>1,000 pounds</b>	<b>1,000 pounds</b>
Sugar, refined:	tons	tons	Black fat waterbaler, etc., Con.		
Finland.....	9,369	41,605	Gold Coast.....	790	806
Greece.....	27,593	22,464	Portuguese Africa <sup>12</sup> .....	110	123
United Kingdom.....	15	8	French Africa <sup>14</sup> .....	798	1,490
Austria.....	1	2,923	Spanish Africa <sup>15</sup> .....	205	0
Yugoslavia.....	30,319	1,973	Liberia.....	24	41
Italy.....	37,016	23,408	Other countries.....	375	225
Norway.....	4,673	4,673	Total.....	4,775	4,818
Eire (Ireland).....	0	1	<b>Bright flue-cured, stemmed:</b>		
Netherlands.....	13	106	United Kingdom.....	14,968	25,141
Belgium and Luxembourg.....	28	196	Portugal.....	743	997
France.....	29,440	63,602	Eire (Ireland).....	307	709
Switzerland.....	28,056	38,037	Sweden.....	874	2,908
U. S. S. R.....	3,621	2	France.....	300	0
Other Europe.....	3,534	2,563	Netherlands.....	0	57
Total Europe.....	173,687	201,425	Belgium and Luxembourg.....	250	113
Newfoundland and Labrador.....	11,422	10,042	Norway.....	1,004	48
Iceland.....	4,159	4,982	Denmark.....	0	103
Canada.....	103	11	Other Europe.....	405	136
Latin-American Republics: <sup>1</sup>			Total Europe.....	18,851	30,212
Canal Zone.....	3,401	4,341	Canada.....	99	0
Mexico.....	16	1	Latin-American Republics: <sup>2</sup>		
Colombia.....	1	9	Venezuela.....	44	190
Chile.....	7	2	Argentina.....	885	732
Other L. A. Republics.....	8	9	Uruguay.....	122	481
Total L. A. Republics.....	3,433	4,362	Nicaragua.....	261	145
British West Indies <sup>4</sup> .....	807	805	Costa Rica.....	9	54
Curacao (N. W. I.).....	204	268	Mexico.....	579	754
French Morocco.....	16,496	0	Guatemala.....	85	86
Algeria.....	46,712	20,567	Colombia.....	187	228
Other French Africa <sup>14</sup> .....	27,441	17,440	Peru.....	0	161
Republic of Philippines.....	6,672	4,042	Chile.....	11	110
China.....	26	60	Brazil.....	23	52
Iran (Persia).....	8	0	Other L. A. Republics.....	150	182
Japan.....	0	12,061	Total L. A. Republics.....	2,356	3,175
Other countries.....	1,482	1,253	British West Indies <sup>4</sup> .....	0	22
Total.....	292,652	277,308	China.....	30	114
<b>Timothy seed:</b>	<b>1,000 pounds</b>	<b>1,000 pounds</b>	Hong Kong.....	0	45
United Kingdom.....	2,579	2,368	India and Dependencies.....	9,658	13,631
Eire (Ireland).....	291	579	Australia.....	0	1
Switzerland.....	382	235	Egypt.....	546	544
U. S. S. R.....	4,818	0	British East Africa.....	19	71
Netherlands.....	494	411	Other countries.....	427	214
Azores.....	( <sup>3</sup> )	10	Total.....	31,986	48,029
Finland.....	0	1,638	<b>Bright flue-cured, unstemmed:</b>		
Germany.....	407	986	United Kingdom.....	285,596	234,561
France.....	1,618	286	Portugal.....	1,897	1,845
Belgium and Luxembourg.....	110	33	Eire (Ireland).....	11,121	14,866
Other Europe.....	1	0	Sweden.....	6,330	6,272
Total Europe.....	10,700	6,546	France.....	1,438	2,316
Canada.....	486	398	Netherlands.....	7,567	38,457
Newfoundland and Labrador.....	21	16	Belgium and Luxembourg.....	7,740	14,670
Latin-American Republics: <sup>1</sup>	23	7	Norway.....	4,998	4,812
Other countries.....	1	0	Denmark.....	426	6,596
Total.....	11,231	6,967	Other Europe.....	3,932	11,449
<b>Tobacco leaf:</b>			Total Europe.....	331,045	335,844
Black fat waterbaler and dark African:			Canada.....	87	219
Latin-American Republics: <sup>1</sup>	12	13	Newfoundland and Labrador.....	93	437
Curacao (N. W. I.).....	14	35	Latin-American Republics: <sup>2</sup>		
British West Indies <sup>4</sup> .....	128	132	Argentina.....	624	809
French West Indies <sup>4</sup> .....	4	1	Uruguay.....	291	203
British Guiana.....	88	78	Nicaragua.....	0	126
Surinam.....	31	41	Mexico.....	( <sup>3</sup> )	44
Nigeria.....	2,196	1,833	Guatemala.....	52	80
			El Salvador.....	181	280
			Chile.....	0	0
			Brazil.....	209	207
			Other L. A. Republics.....	53	51
			Total L. A. Republics.....	1,416	1,800

See footnotes on page 513.

TABLE 603.—Exports (domestic) of principal agricultural products from the United States, by countries of destination, fiscal years 1945-46 and 1946-47<sup>1</sup>—Continued

Commodity exported and country of destination	Year beginning July 1—		Commodity exported and country of destination	Year beginning July 1—	
	1945-46	1946-47		1945-46	1946-47
<b>VEGETABLE PRODUCTS—continued</b>			<b>Cigar leaf—Continued</b>		
Tobacco leaf—Continued:			Canada.....	1,000 pounds 237	1,000 pounds 242
Bright flue-cured, unstemmed—			Latin-American Republics: <sup>2</sup>		
Continued:			Mexico.....	4	73
British West Indies <sup>4</sup> .....	1,000 pounds 11	1,000 pounds 36	Panama Republic.....	0	3
French West Indies.....	34	0	Colombia.....	10	3
British Guiana.....	321	395	Chile.....	0	18
China.....	11,113	55,814	Brazil.....	19	67
Hong Kong.....	1,097	5,142	Argentina.....	37	32
India and Dependencies.....	4,117	1,519	Other L. A. Republics.....	4	5
New Zealand.....	8,816	2,864	Total L. A. Republics.....	74	201
Netherlands East Indies.....	0	1,364	British West Indies <sup>4</sup> .....	3	41
Australia.....	25,647	13,585	Surinam.....	5	5
Egypt.....	2,468	2,884	India and Dependencies.....	3	7
Siam (Thailand).....	660	4,209	French Indo-China.....	0	24
British East Africa.....	1,483	1,215	Republic of Philippines.....	62	39
Ceylon.....	1,246	1,343	Australia.....	136	18
Nigeria.....	549	808	New Zealand.....	6	0
Other countries.....	1,696	3,079	French Morocco.....	0	18
Total.....	391,899	432,557	Algeria.....	4	1
Burley:			Tunisia.....	128	72
Czechoslovakia.....	10	1,534	Canary Islands.....	30	187
Portugal.....	7,354	3,861	Cameroon.....	22	2
France.....	6,711	4,442	Gold Coast.....	3	0
United Kingdom.....	233	1,208	Liberia.....	14	0
Sweden.....	807	1,804	Other countries.....	9	0
Switzerland.....	427	495	Total.....	5,741	4,363
Belgium and Luxembourg.....	1,216	6,956	Dark-fired Kentucky and Tennessee:		
Netherlands.....	2,756	4,254	Switzerland.....	3,936	3,797
Denmark.....	306	1,733	United Kingdom.....	1,747	2,374
Norway.....	1,062	1,047	Portugal.....	580	230
Italy.....	133	5,396	Eire (Ireland).....	538	599
Other Europe.....	488	58	Sweden.....	3,937	1,297
Total Europe.....	21,493	32,848	Spain.....	5	0
Newfoundland and Labrador.....	38	372	France.....	26,104	4,982
Latin-American Republics: <sup>2</sup>			Belgium and Luxembourg.....	4,206	4,041
Mexico.....	1,135	850	Denmark.....	609	773
Argentina.....	348	722	Netherlands.....	1,357	1,285
Nicaragua.....	38	38	Italy.....	95	1,502
Brazil.....	148	130	Other Europe.....	774	820
Uruguay.....	11	24	Total Europe.....	43,888	21,700
Guatemala.....	76	87	Canada.....	121	68
Other L. A. Republics.....	66	217	Iceland.....	84	16
Total L. A. Republics.....	1,822	2,088	Latin-American Republics: <sup>2</sup>		
Egypt.....	542	680	Argentina.....	202	362
Australia.....	13	103	Panama Republic.....	108	41
French Indo-China.....	0	330	Uruguay.....	46	33
India and Dependencies.....	5	1	Brazil.....	28	17
Other countries.....	440	536	Other L. A. Republics.....	6	5
Total.....	24,353	36,958	Total L. A. Republics.....	390	458
Cigar leaf:			French West Indies.....	34	12
Sweden.....	338	315	British West Indies <sup>4</sup> .....	6	11
Norway.....	50	66	Curacao (N. W. I.).....	7	4
Denmark.....	2,209	932	Egypt.....	329	426
United Kingdom.....	485	132	Canary Islands.....	252	287
Eire (Ireland).....	( <sup>3</sup> ) 3	3	French Indo-China.....	0	85
Netherlands.....	147	366	British West Africa <sup>7</sup> .....	997	265
Belgium and Luxembourg.....	1,185	555	French Africa <sup>14</sup> .....	2,035	1,039
Switzerland.....	542	516	New Zealand.....	143	0
Finland.....	0	231	Other countries.....	223	209
Azores.....	3	6	Total.....	48,509	25,150
Portugal.....	46	28	Dark Virginia:		
Czechoslovakia.....	0	56	Sweden.....	2,129	982
Other Europe.....	0	0	Switzerland.....	951	1,062
Total Europe.....	5,005	3,506			

See footnotes on page 513.



TABLE 603.—Exports (domestic) of principal agricultural products from the United States, by countries of destination, fiscal years 1945-46 and 1946-47<sup>1</sup>—Continued

Commodity exported and country of destination	Year beginning July 1—		Commodity exported and country of destination	Year beginning July 1—	
	1945-46	1946-47		1945-46	1946-47
<b>VEGETABLE PRODUCTS—continued</b>					
Tobacco leaf—Continued:	1,000 pounds	1,000 pounds	One sucker leaf—Continued:	1,000 pounds	1,000 pounds
Dark Virginia—continued:			France.....	991	2,201
United Kingdom.....	406	332	Spain.....	0	( <sup>2</sup> )
Portugal.....	214	662	Portugal.....	0	3
Norway.....	3,934	1,475	Other Europe.....	0	0
Netherlands.....	7	445			
Belgium and Luxembourg.....	247	603	Total Europe.....	1,659	3,012
Other Europe.....	529	427			
Total Europe.....	8,417	5,988	Newfoundland and Labrador.....	20	33
Latin-American Republics: <sup>3</sup>			British West Indies <sup>4</sup> .....	64	50
Argentina.....	147	9	Curacao (N. W. I.).....	11	8
Other L. A. Republics.....	2	( <sup>5</sup> )	Canary Islands.....	0	44
Total L. A. Republics.....	149	9	French Morocco.....	27	90
British West Indies <sup>4</sup> .....	125	99	Tunisia.....	294	0
New Zealand.....	47	110	Cameroon.....	16	20
Australia.....	30	30	French West Africa.....	73	131
Netherlands East Indies.....	0	182	Gold Coast.....	8	( <sup>5</sup> )
Spanish Africa <sup>16</sup> .....	0	10	Nigeria.....	640	151
French Africa <sup>16</sup> .....	117	129	Portuguese Africa <sup>15</sup> .....	82	73
British West Africa <sup>7</sup> .....	0	5	Liberia.....	131	87
India and Dependencies.....	8	114	Other countries.....	0	0
Other countries.....	72	598	Total.....	3,025	3,699
Total.....	8,965	7,274			
Greek River:			Perique and other:		
Sweden.....	261	0	Sweden.....	1	26
United Kingdom.....	218	930	Norway.....	14	21
Eire (Ireland).....	9	169	United Kingdom.....	127	129
Netherlands.....	0	1	Eire (Ireland).....	0	( <sup>5</sup> )
Belgium and Luxembourg.....	206	577	Belgium and Luxembourg.....	0	1
France.....	1,554	0	Switzerland.....	4	7
Switzerland.....	8	35	Other Europe.....	0	0
Italy.....	0	( <sup>5</sup> )	Total Europe.....	146	184
Other Europe.....	0	0			
Total Europe.....	2,247	1,712	Canada.....	5	6
Latin-American Republics <sup>3</sup> .....	6	1	Other countries.....	0	0
British West Indies <sup>4</sup> .....	7	0	Total.....	151	190
French West Indies.....	14	0			
French Morocco.....	0	22	<b>Vegetables, fresh or dried:</b>		
Algeria.....	0	34	Beans, seed (60 lbs.):	1,000 bushels	1,000 bushels
Cameroon.....	21	39	Sweden.....	( <sup>2</sup> )	0
French West Africa.....	0	4	Norway.....	0	( <sup>2</sup> )
Gold Coast.....	10	6	United Kingdom.....	11	5
Liberia.....	116	73	Eire (Ireland).....	( <sup>2</sup> )	( <sup>2</sup> )
Other countries.....	5	0	Netherlands.....	( <sup>2</sup> )	( <sup>2</sup> )
Total.....	2,426	1,891	Belgium and Luxembourg.....	( <sup>2</sup> )	( <sup>2</sup> )
Maryland and Ohio export:			France.....	94	74
Switzerland.....	3,327	5,129	Germany.....	17	21
France.....	5	0	Austria.....	58	1
Netherlands.....	514	162	Switzerland.....	3	2
Belgium and Luxembourg.....	0	310	Poland and Danzig.....	86	13
Denmark.....	0	7	U. S. S. R.....	52	0
Other Europe.....	259	26	Greece.....	( <sup>2</sup> )	0
Total Europe.....	4,105	5,634	Yugoslavia.....	0	12
French Morocco.....	75	187	Other Europe.....	0	0
Algeria.....	95	33	Total Europe.....	321	128
Tunisia.....	158	0			
Other countries.....	30	28	Canada.....	15	16
Total.....	4,463	5,882	Newfoundland and Labrador.....	( <sup>2</sup> )	1
One sucker leaf:			Latin-American Republics: <sup>4</sup>		
United Kingdom.....	0	24	Mexico.....	( <sup>2</sup> )	1
Eire (Ireland).....	18	14	Panama Republic.....	( <sup>2</sup> )	( <sup>2</sup> )
Belgium and Luxembourg.....	650	770	Cuba.....	1	27
			Argentina.....	2	3
			Other L. A. Republics.....	1	1
			Total L. A. Republics.....	4	32
			British West Indies <sup>4</sup> .....	( <sup>2</sup> )	( <sup>2</sup> )
			China.....	0	2
			Australia.....	( <sup>2</sup> )	( <sup>2</sup> )
			New Zealand.....	1	1
			Other countries.....	2	3
			Total.....	343	183

See footnotes on page 518.



TABLE 603.—Exports (domestic) of principal agricultural products from the United States, by countries of destination, fiscal years 1945-46 and 1946-47<sup>1</sup>—Continued

Commodity exported and country of destination	Year beginning July 1—		Commodity exported and country of destination	Year beginning July 1—	
	1945-46	1946-47		1945-46	1946-47
<b>VEGETABLE PRODUCTS—continued</b>					
Vegetables, fresh or dried—					
Continued					
Beans, other, dry, ripe (60 lbs.):			Peas, dried—Continued		
Sweden.....	0	2	Cuba.....	79	2
Norway.....	( <sup>a</sup> )	0	Other L. A. Republics <sup>2</sup> .....	1	2
United Kingdom.....	450	704	Republic of Philippines.....	29	3
Eire (Ireland).....	0	6	Other countries.....	1	3
Netherlands.....	0	( <sup>a</sup> )	Total.....	126	10
Belgium and Luxembourg.....	0	( <sup>a</sup> )			
France.....	53	3	Cowpeas (60 lbs.):		
Germany.....	( <sup>a</sup> )	98	Poland and Danzig.....	0	3
Austria.....	( <sup>a</sup> )	88	Other Europe.....	0	( <sup>a</sup> )
Switzerland.....	( <sup>a</sup> )	( <sup>a</sup> )	Latin American Republics <sup>2</sup> .....	1	5
Poland and Danzig.....	3	11	British West Indies <sup>4</sup> .....	1	( <sup>a</sup> )
U. S. S. R.....	197	0	Other countries.....	( <sup>a</sup> )	( <sup>a</sup> )
Greece.....	43	5	Total.....	2	8
Italy.....	59	7			
Czechoslovakia.....	108	0	Peas, seed (60 lbs.):		
Other Europe.....	( <sup>a</sup> )	5	Sweden.....	( <sup>a</sup> )	1
Total Europe.....	913	929	Norway.....	( <sup>a</sup> )	( <sup>a</sup> )
			United Kingdom.....	43	37
Canada.....	53	72	Eire (Ireland).....	1	1
Newfoundland and Labrador.....	6	10	Netherlands.....	1	15
Latin American Republics: <sup>2</sup>			Belgium and Luxembourg.....	( <sup>a</sup> )	8
Mexico.....	( <sup>a</sup> )	1	France.....	139	84
Panama Republic.....	1	2	Germany.....	262	88
Canal Zone.....	10	8	Austria.....	18	2
Cuba.....	61	452	Switzerland.....	7	1
Argentina.....	0	( <sup>a</sup> )	Poland and Danzig.....	1	3
Other L. A. Republics.....	1	4	U. S. S. R.....	233	0
Total L. A. Republics.....	73	467	Italy.....	0	4
			Yugoslavia.....	18	5
British West Indies <sup>4</sup> .....	1	2	Greece.....	0	( <sup>a</sup> )
Curacao (N. W. I.).....	2	5	Other Europe.....	( <sup>a</sup> )	( <sup>a</sup> )
French West Indies.....	( <sup>a</sup> )	10	Total Europe.....	723	249
China.....	13	29			
Australia.....	22	0	Canada.....	63	53
New Zealand.....	( <sup>a</sup> )	0	Latin American Republics: <sup>2</sup>		
Egypt.....	1	0	Mexico.....	2	1
French Pacific Islands.....	1	2	Cuba.....	2	2
Japan.....	0	773	Brazil.....	2	3
Other countries.....	28	10	Other L. A. Republics.....	6	13
Total.....	1,113	2,309	Total L. A. Republics.....	12	19
Onions (57 lbs.):			British West Indies <sup>4</sup> .....	( <sup>a</sup> )	( <sup>a</sup> )
United Kingdom.....	0	204	Other countries.....	9	7
Eire (Ireland).....	0	15	Total.....	807	328
Canada.....	287	488			
Newfoundland and Labrador.....	11	34	Peas, other, dry, ripe (60 lbs.):		
Latin American Republics: <sup>2</sup>			Sweden.....	2	9
Cuba.....	575	661	Norway.....	( <sup>a</sup> )	0
Canal Zone.....	29	50	Denmark.....	0	9
Panama Republic.....	29	59	United Kingdom.....	803	863
Mexico.....	21	78	Eire (Ireland).....	0	( <sup>a</sup> )
Dominican Republic.....	5	12	Netherlands.....	14	0
Other L. A. Republics.....	10	21	Belgium and Luxembourg.....	42	6
Total L. A. Republics.....	669	881	France.....	877	72
			Germany.....	0	1,235
Curacao (N. W. I.).....	22	21	Austria.....	0	117
French West Indies.....	9	1	Czechoslovakia.....	225	0
British West Indies <sup>4</sup> .....	11	58	Switzerland.....	32	27
Republic of Philippines.....	244	429	Poland and Danzig.....	197	8
Other countries.....	25	25	U. S. S. R.....	55	0
Total.....	1,278	2,156	Italy.....	565	18
			Yugoslavia.....	683	0
Peas, dried:			Greece.....	405	( <sup>a</sup> )
Chickpeas (60 lbs.):			Other Europe.....	48	6
Greece.....	16	0	Total Europe.....	3,948	2,370
Other Europe.....	0	( <sup>a</sup> )			
Total Europe.....	16	( <sup>a</sup> )	Iceland.....	5	6
			Canada.....	24	47
			Newfoundland and Labrador.....	18	15

See footnotes on page 518.

TABLE 603.—Exports (domestic) of principal agricultural products from the United States, by countries of destination, fiscal years 1945-46 and 1946-47<sup>1</sup>—Continued

Commodity exported and country of destination	Year beginning July 1—		Commodity exported and country of destination	Year beginning July 1—	
	1945-46	1946-47		1945-46	1946-47
<b>VEGETABLE PRODUCTS—continued</b>					
Vegetables, fresh or dried—					
Continued:					
Peas, other, dry, ripe (60 lbs.)—			Tomatoes, fresh:	1,000	1,000
Continued			Canada.....	pounds	pounds
Latin-American Republics: <sup>2</sup>	1,000	1,000	Newfoundland and Labrador.....	47,748	40,019
Mexico.....	bushels	bushels	Latin-American Republics: <sup>2</sup>	373	261
Panama Republic.....	1	2	Mexico.....	1,829	2,538
Canal Zone.....	1	2	Canal Zone.....	549	195
Cuba.....	6	4	Panama Republic.....	( <sup>3</sup> )	4
Venezuela.....	209	158	Cuba.....	190	274
Brazil.....	11	25	Other L. A. Republics.....	0	1
Other L. A. Republics.....	41	136	Total L. A. Republics.....	2,568	3,012
Total L. A. Republics.....	1	3	Curacao (N. W. I.).....	80	118
British West Indies <sup>4</sup> .....	18	15	British West Indies <sup>4</sup> .....	20	80
Curacao (N. W. I.).....	5	4	Other countries.....	( <sup>3</sup> )	20
Republic of Philippines.....	31	( <sup>3</sup> )	Total.....	50,789	43,510
Algeria.....	2	( <sup>3</sup> )			
Egypt.....	197	0	Dehydrated soups:		
French Pacific Islands.....	1	2	Belgium and Luxembourg.....	136	1,449
Japan.....	0	1,581	United Kingdom.....	1	1
Other countries.....	48	5	Italy.....	27,950	1,895
Total.....	4,567	4,375	Greece.....	9,792	1
Potatoes, white (60 lbs.):			U. S. S. R.....	12,119	11,382
Germany.....	0	5,763	Czechoslovakia.....	3,488	2
Belgium and Luxembourg.....	867	493	Poland and Danzig.....	16,748	3,283
France.....	1,632	0	Germany.....	22	302
U. S. S. R.....	20	0	Austria.....	2,779	117
Italy.....	( <sup>3</sup> )	521	Other Europe.....	2,694	307
Czechoslovakia.....	( <sup>3</sup> )	0	Total Europe.....	75,729	18,739
Portugal.....	( <sup>3</sup> )	868	Canada.....	202	464
Albania.....	19	15	Iceland.....	5	0
Greece.....	( <sup>3</sup> )	0	Latin-American Republics: <sup>2</sup>		
Switzerland.....	0	111	Mexico.....	25	180
Spain.....	0	774	Panama Republic.....	73	125
Yugoslavia.....	0	768	Canal Zone.....	11	14
Austria.....	0	( <sup>3</sup> )	Cuba.....	412	391
Other Europe.....	0	0	Venezuela.....	830	187
Total Europe.....	2,538	9,313	Other L. A. Republics.....	167	360
Canada.....	8,083	569	Total L. A. Republics.....	1,518	1,287
Latin-American Republics: <sup>2</sup>			Curacao (N. W. I.).....	27	58
Cuba.....	1,916	1,557	Egypt.....	19	0
Canal Zone.....	256	204	China.....	17,596	31,457
Panama Republic.....	8	3	Japan.....	0	15,198
Venezuela.....	247	244	Other countries.....	346	1,185
Argentina.....	2	27	Total.....	95,442	68,358
Mexico.....	453	412	Dehydrated vegetables:		
Uruguay.....	0	1	Belgium and Luxembourg.....	33	159
Colombia.....	8	41	France.....	1,239	129
Other L. A. Republics.....	8	69	Germany.....	82	1,118
Total L. A. Republics.....	2,898	2,558	United Kingdom.....	279	11
Curacao (N. W. I.).....	184	113	Italy.....	8,854	475
French West Indies.....	27	10	Greece.....	9	2
British West Indies <sup>4</sup> .....	44	49	U. S. S. R.....	5,408	0
Republic of Philippines.....	178	255	Other Europe.....	117	65
Netherlands East Indies.....	0	1	Total Europe.....	16,021	1,959
French Pacific Islands.....	6	5	Canada.....	531	207
Hong Kong.....	4	30	Iceland.....	18	1
Korea.....	0	103	Latin-American Republics: <sup>2</sup>		
Japan.....	0	37	Mexico.....	5	97
Other countries.....	63	57	Panama Republic.....	1	2
Total.....	14,025	13,100	Canal Zone.....	22	1
			Cuba.....	8	20
			Other L. A. Republics.....	4	6
			Total L. A. Republics.....	40	126

See footnotes on page 513.

TABLE 603.—Exports (domestic) of principal agricultural products from the United States, by countries of destination, fiscal years 1945-46 and 1946-47<sup>1</sup>—Continued

Commodity exported and country of destination	Year beginning July 1—		Commodity exported and country of destination	Year beginning July 1—	
	1945-46	1946-47		1945-46	1946-47
<b>VEGETABLE PRODUCTS—continued</b>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	Baked beans and pork and beans, canned—Continued:	<i>1,000 pounds</i>	<i>1,000 pound</i>
Dehydrated vegetables—Con.			Latin-American Republics—Con.		
Curacao (N. W. I.).....	1	4	Panama Republic.....	164	136
French West Indies.....	6	0	Mexico.....	64	69
India and Dependencies.....	18,126	6,789	Cuba.....	50	60
Netherlands East Indies.....	3,903	16,625	Venezuela.....	108	159
Japan.....	0	56	Other L. A. Republics.....	105	101
Other countries.....	604	76	Total L. A. Republics.....	707	1,647
Total.....	39,250	25,843	British West Indies <sup>1</sup> .....	71	97
<b>Vegetables, canned:</b>			Curacao (N. W. I.).....	129	69
Asparagus, canned:			Republic of Philippines.....	498	732
Switzerland.....	147	1,918	Egypt.....	907	0
Portugal.....	0	14	Union of South Africa.....	545	1,162
Belgium and Luxembourg.....	0	476	Hong Kong.....	10	11
Sweden.....	490	1,117	China.....	46	10
France.....	1	5	India and Dependencies.....	1,257	4
Other Europe.....	( <sup>2</sup> )	51	Iraq.....	47	( <sup>2</sup> )
Total Europe.....	638	3,581	British West Africa <sup>1</sup> .....	47	2
Canada.....	4	449	Other countries.....	1,063	851
Newfoundland and Labrador.....	1	18	Total.....	16,878	8,020
Iceland.....	18	6	<b>Beans, lima, canned:</b>		
Latin-American Republics <sup>2</sup>			France.....	6	12
Cuba.....	147	664	Yugoslavia.....	0	31
Mexico.....	167	663	Other Europe.....	0	27
Brazil.....	116	630	Canada.....	38	327
Venezuela.....	218	379	Latin-American Republics <sup>2</sup>		
Canal Zone.....	244	114	Venezuela.....	20	43
Panama Republic.....	61	128	Cuba.....	15	10
Colombia.....	95	255	Colombia.....	4	5
Peru.....	18	200	Nicaragua.....	6	0
Costa Rica.....	45	105	Panama Republic.....	11	9
El Salvador.....	19	36	Peru.....	6	4
Ecuador.....	9	53	Brazil.....	6	5
Other L. A. Republics.....	55	202	Canal Zone.....	95	33
Total L. A. Republics.....	1,194	3,429	Other L. A. Republics.....	3	6
Curacao (N. W. I.).....	19	72	Total L. A. Republics.....	166	115
British West Indies <sup>1</sup> .....	7	72	Curacao (N. W. I.).....	12	32
French West Indies.....	6	4	British West Indies <sup>1</sup> .....	9	24
Union of South Africa.....	196	1,857	British West Africa <sup>1</sup> .....	3	( <sup>2</sup> )
Republic of Philippines.....	994	625	Belgian Congo.....	1	1
India and Dependencies.....	2	10	Liberia.....	3	2
Netherlands East Indies.....	7	10	Iran (Persia).....	16	0
Hong Kong.....	68	223	Netherlands East Indies.....	15	1
British Malaya.....	5	( <sup>2</sup> )	Republic of Philippines.....	2	16
Mozambique.....	0	71	India and Dependencies.....	1	0
Belgian Congo.....	27	608	Other countries.....	12	63
China.....	206	135	Total.....	284	651
French Pacific Islands.....	38	1	<b>Beans, string or stringless, canned:</b>		
Australia.....	0	211	Italy.....	2,367	14
Other countries.....	85	211	Belgium and Luxembourg.....	407	19
Total.....	3,515	11,481	France.....	14	10
<b>Baked beans and pork and beans, canned:</b>			United Kingdom.....	9	57
United Kingdom.....	0	210	Yugoslavia.....	856	69
U. S. S. R.....	624	0	Greece.....	163	18
Switzerland.....	0	3	Poland and Danzig.....	3	39
Italy.....	4,250	245	Germany.....	2	4
Belgium and Luxembourg.....	1,938	973	Other Europe.....	314	88
Germany.....	237	0	Total Europe.....	4,135	318
Other Europe.....	3,420	99	Canada.....	136	126
Total Europe.....	10,478	1,530	Newfoundland and Labrador.....	77	13
Newfoundland and Labrador.....	758	1,364	Latin-American Republics <sup>2</sup>		
Canada.....	262	541	Cuba.....	259	156
Latin-American Republics <sup>2</sup>			Panama Republic.....	137	56
Brazil.....	6	761	Venezuela.....	140	118
Canal Zone.....	210	361	Colombia.....	29	47
			Mexico.....	87	42

See footnotes on page 513.

TABLE 603.—Exports (domestic) of principal agricultural products from the United States, by countries of destination, fiscal years 1945-46 and 1946-47<sup>1</sup>—Continued

Commodity exported and country of destination	Year beginning July 1—		Commodity exported and country of destination	Year beginning July 1—	
	1945-46	1946-47		1945-46	1946-47
<b>VEGETABLE PRODUCTS—continued</b>					
Vegetables, canned—Continued					
Beans, string or stringless, canned—continued:					
Latin-American Republics—Con.					
Brazil	1,000 pounds	1,000 pounds			
Peru	34	49	Peas, canned:	1,000 pounds	1,000 pounds
Nicaragua	13	3	Germany	3	26
Bolivia	1	3	United Kingdom	12	4
Canal Zone	304	218	Sweden	1	753
Other L. A. Republics	21	18	Switzerland	197	373
Total L. A. Republics	1,025	848	Yugoslavia	14	98
Curacao (N. W. I.)	690	423	U. S. S. R.	95	0
British West Indies <sup>4</sup>	24	137	Belgium and Luxembourg	5,076	16
India and Dependencies	3,117	( <sup>5</sup> ) 0	France	70	15
Egypt	493	0	Portugal	12	4
Belgian Congo	15	3	Other Europe	233	162
Liberia	7	6			
British West Africa <sup>7</sup>	54	2	Total Europe	5,713	3,131
Iraq	76	( <sup>5</sup> ) 31	Newfoundland and Labrador	169	208
Japan	0	31	Iceland	150	9
Republic of Philippines	426	14	Miquelon and St. Pierre	1	33
Netherlands East Indies	157	448	Canada	227	81
British Malaya	48	931	Latin-American Republics: <sup>2</sup>		
Burma	85	874	Brazil	547	14,949
Union of South Africa	72	49	Cuba	569	1,435
Other countries	551	390	Canal Zone	382	432
Total	11,188	4,613	Panama Republic	472	306
			Venezuela	506	828
Corn, canned:			Colombia	215	307
Norway	18	0	Mexico	151	121
Sweden	5	23	Honduras	69	45
United Kingdom	14	0	Costa Rica	130	86
France	18	3	Nicaragua	91	27
Germany	4	49	Dominican Republic	69	40
Czechoslovakia	1	28	El Salvador	37	28
Poland and Danzig	4	32	Other L. A. Republics	92	447
Italy	21	0			
Greece	34	3	Total L. A. Republics	3,333	19,051
Yugoslavia	14	0	Curacao (N. W. I.)	616	448
Other Europe	7	15	British West Indies <sup>4</sup>	126	571
Total Europe	140	153	British Honduras	28	16
Canada	5	3	British Guiana	7	10
Newfoundland and Labrador	56	5	Republic of Philippines	958	671
Latin-American Republics: <sup>2</sup>			Netherlands East Indies	205	576
Canal Zone	377	330	Union of South Africa	591	1,990
Panama Republic	90	75	India and Dependencies	14,320	2
Cuba	334	324	British Malaya	174	683
Mexico	114	104	Egypt	1,459	0
Venezuela	148	171	Iraq	107	0
Dominican Republic	8	7	Other countries	1,709	1,686
Colombia	47	52			
Brazil	40	203	Total	29,893	29,166
Other L. A. Republics	64	64			
Total L. A. Republics	1,222	1,330	Soups, canned:		
Curacao (N. W. I.)	41	62	Germany	0	48
British West Indies <sup>4</sup>	65	154	United Kingdom	7	41
British Honduras	22	34	U. S. S. R.	22	32
Republic of Philippines	1,235	1,360	Italy	124	62
Hong Kong	246	162	Belgium and Luxembourg	111	187
Union of South Africa	538	2,205	Sweden	191	1,017
India and Dependencies	2	1	Poland and Danzig	50	145
China	66	53	Czechoslovakia	73	98
British Malaya	7	0	Yugoslavia	32	69
Egypt	4	0	Greece	74	90
Liberia	6	4	Other Europe	296	180
Arabia Peninsula States	67	55			
New Zealand	2	0	Total Europe	1,020	1,969
Other countries	79	50	Newfoundland and Labrador	146	409
Total	3,803	5,631	Canada	351	675
			Latin-American Republics: <sup>2</sup>		
			Brazil	17	542
			Canal Zone	954	1,801
			Panama Republic	786	786
			Cuba	564	1,015
			Mexico	410	767
			Venezuela	353	722
			Colombia	158	279

See footnotes on page 513.  
S16939-49-33

TABLE 603.—Exports (domestic) of principal agricultural products from the United States, by countries of destination, fiscal years 1945-46 and 1946-47<sup>1</sup>—Continued

Commodity exported and country of destination	Year beginning July 1—		Commodity exported and country of destination	Year beginning July 1—	
	1945-46	1946-47		1945-46	1946-47
<b>VEGETABLE PRODUCTS—continued</b>					
Vegetables, canned—Continued:			Tomatoes, canned—Continued	1,000 pounds	1,000 pounds
Soups, canned—Continued	1,000 pounds	1,000 pounds	Canada.....	160	340
L. A. Republics. <sup>2</sup> —Continued			Newfoundland and Labrador.....	24	34
Dominican Republic.....	64	155	Latin-American Republics: <sup>2</sup>		
Peru.....	45	52	Brazil.....	1	15
Costa Rica.....	50	44	Venezuela.....	7	42
El Salvador.....	8	10	Colombia.....	16	21
Other L. A. Republics.....	129	158	Canal Zone.....	449	400
Total L. A. Republics.....	3,538	6,311	Panama Republic.....	22	9
Curaçao (N. W. I.).....	390	902	Mexico.....	33	50
British West Indies <sup>4</sup> .....	83	51	Costa Rica.....	11	13
Republic of Philippines.....	672	844	Other L. A. Republics.....	65	100
British Malaya.....	122	2	Total L. A. Republics.....	604	650
Hong Kong.....	87	169	Curaçao (N. W. I.).....	106	177
China.....	1,053	157	British West Indies <sup>4</sup> .....	58	54
Union of South Africa.....	669	1,646	Egypt.....	620	0
Liberia.....	21	23	Australia.....	1,392	0
India and Dependencies.....	21	75	Union of South Africa.....	9	3
Netherlands East Indies.....	123	3	India and Dependencies.....	1,432	( <sup>5</sup> )
British West Africa <sup>7</sup> .....	48	12	Ceylon.....	725	0
Belgian Congo.....	137	74	British West Africa <sup>7</sup> .....	24	0
Egypt.....	89	1	Iraq.....	28	0
New Zealand.....	7	7	Arabia Peninsula States.....	27	65
Other countries.....	551	426	Republic of Philippines.....	290	390
Total.....	9,078	13,756	China.....	24	40
Spinach, canned: ..			Other countries.....	148	91
Germany.....	12	3,373	Total.....	8,894	1,990
Italy.....	906	7	Tomato juice, canned:		
Belgium and Luxembourg.....	0	25	Germany.....	3	81
Greece.....	6	93	U. S. S. R.....	14,580	1,411
United Kingdom.....	103	84	Belgium and Luxembourg.....	1	2,377
Other Europe.....	43	59	Italy.....	200	511
Total Europe.....	1,070	3,641	Czechoslovakia.....	26,656	2,417
Canada.....	51	1,118	Poland and Danzig.....	22,549	15,993
Newfoundland and Labrador.....	6	24	Yugoslavia.....	12,231	4
Latin-American Republics: <sup>2</sup>			Greece.....	10,559	923
Cuba.....	53	55	Other Europe.....	512	243
Panama Republic.....	47	33	Total Europe.....	87,291	23,960
Venezuela.....	65	56	Canada.....	0	2
Colombia.....	20	20	Newfoundland and Labrador.....	32	13
Nicaragua.....	4	2	Latin-American Republics: <sup>2</sup>		
Mexico.....	11	12	Canal Zone.....	812	542
Brazil.....	( <sup>6</sup> )	18	Panama Republic.....	240	246
Peru.....	6	12	Cuba.....	789	372
Bolivia.....	2	1	Venezuela.....	77	283
Canal Zone.....	167	85	Colombia.....	139	119
Other L. A. Republics.....	11	14	Peru.....	90	62
Total L. A. Republics.....	386	308	Mexico.....	102	147
Curaçao (N. W. I.).....	172	82	Brazil.....	99	200
British West Indies <sup>4</sup> .....	8	35	Bolivia.....	3	19
Surinam.....	( <sup>5</sup> )	1	Ecuador.....	34	13
India and Dependencies.....	1,353	0	Other L. A. Republics.....	205	127
Belgian Congo.....	( <sup>5</sup> )	0	Total L. A. Republics.....	2,599	2,130
Liberia.....	( <sup>5</sup> )	2	Curaçao (N. W. I.).....	75	92
Egypt.....	21	0	British West Indies <sup>4</sup> .....	18	136
Republic of Philippines.....	45	95	Surinam.....	19	2
Netherlands East Indies.....	73	154	British Guiana.....	4	0
Iraq.....	1	0	Republic of Philippines.....	454	113
British Malaya.....	32	0	China.....	227	39
Other countries.....	171	109	Hong Kong.....	37	120
Total.....	3,389	5,569	Egypt.....	4	2
Tomatoes, canned:			Belgian Congo.....	55	32
United Kingdom.....	15	0	Union of South Africa.....	190	198
Czechoslovakia.....	1	18	Liberia.....	6	4
Poland and Danzig.....	724	33	India and Dependencies.....	3	1
U. S. S. R.....	64	0	Arabia Peninsula States.....	79	84
Italy.....	1,256	40	Other countries.....	565	274
Belgium and Luxembourg.....	918	16	Total.....	91,658	27,202
France.....	18	7	Tomato paste and puree:		
Other Europe.....	237	32	United Kingdom.....	2,836	( <sup>6</sup> )
Total Europe.....	3,223	146	Germany.....	1	124

See footnotes on page 513.

TABLE 603.—Exports (domestic) of principal agricultural products from the United States, by countries of destination, fiscal years 1945-46 and 1946-47<sup>1</sup>—Continued

Commodity exported and country of destination	Year beginning July 1—		Commodity exported and country of destination	Year beginning July 1—	
	1945-46	1946-47		1945-46	1946-47
<b>VEGETABLE PRODUCTS—continued</b>	<i>1,000 pounds</i>	<i>1,000 pounds</i>		<i>1,000 pounds</i>	<i>1,000 pounds</i>
Vegetables, canned—Continued			Other canned vegetables and juices—Continued		
Tomato paste and puree—Con.			Belgium and Luxembourg.....	666	345
Belgium and Luxembourg.....	0	530	France.....	14	39
Eire (Ireland).....	0	65	Greece.....	1,173	801
U. S. S. R.....	698	0	Poland and Danzig.....	761	2,426
Other Europe.....	287	45	Yugoslavia.....	480	408
Total Europe.....	3,822	764	Czechoslovakia.....	351	425
Canada.....	2,147	5,446	Other Europe.....	1,958	176
Newfoundland and Labrador.....	0	8	Total Europe.....	16,534	7,238
Latin-American Republics: <sup>2</sup>			Canada.....	639	5,355
Cuba.....	45	4,524	Newfoundland and Labrador.....	196	202
Canal Zone.....	622	449	Latin-American Republics: <sup>2</sup>		
Panama Republic.....	564	586	Canal Zone.....	1,254	810
Dominican Republic.....	148	370	Panama Republic.....	492	196
Honduras.....	201	154	Venezuela.....	675	1,185
Mexico.....	353	649	Mexico.....	212	486
Colombia.....	312	288	Cuba.....	445	546
Costa Rica.....	26	25	Colombia.....	153	175
Other L. A. Republics.....	99	449	Peru.....	80	97
Total L. A. Republics.....	2,370	7,494	Bolivia.....	4	9
Curaçao (N. W. I.).....	147	402	Nicaragua.....	38	36
British West Indies <sup>3</sup> .....	3	25	Brazil.....	926	1,683
British Honduras.....	34	29	Other L. A. Republics.....	292	252
Republic of Philippines.....	993	2,478	Total L. A. Republics.....	4,481	5,476
Union of South Africa.....	18	9	Curaçao (N. W. I.).....	1,192	607
China.....	72	87	British West Indies <sup>4</sup> .....	75	452
Belgian Congo.....	11	43	Surinam.....	21	16
Liberia.....	11	74	Republic of Philippines.....	530	1,200
French Pacific Islands.....	108	296	Union of South Africa.....	479	706
Iran (Persia).....	3	0	Belgian Congo.....	143	79
Japan.....	0	346	Netherlands East Indies.....	121	728
Other countries.....	206	78	India and Dependencies.....	11,619	637
Total.....	9,945	17,579	British Malaya.....	19	1 <sup>5</sup>
Other canned vegetables and juices:			Egypt.....	752	1 <sup>6</sup>
United Kingdom.....	272	880	Liberia.....	14	1
Sweden.....	95	225	British West Africa <sup>7</sup> .....	20	3
Germany.....	1	154	Iraq.....	19	0
Austria.....	0	720	Japan.....	0	29
U. S. S. R.....	1,163	226	Other countries.....	1,238	969
Italy.....	9,600	413	Total.....	38,092	23,747

<sup>1</sup> Preliminary. 1947 figures include exports under the Army Civilian Supply Program.<sup>2</sup> The Latin American Republics include Costa Rica, Guatemala, Honduras, Nicaragua, Panama Republic, Canal Zone, El Salvador, Mexico, Cuba, Dominican Republic, Haiti, Argentina, Bolivia, Brazil, Chile, Colombia, Ecuador, Paraguay, Peru, Uruguay, and Venezuela.<sup>3</sup> Less than 500.<sup>4</sup> The British West Indies include the Bahamas, Bermuda, Barbados, Jamaica, Trinidad and Tobago, the Windward and Leeward Islands.<sup>5</sup> Includes butter spreads as follows: U.S.S.R., 6,360,000 pounds; Czechoslovakia, 3,580,000 pounds; Poland and Danzig, 2,692,000 pounds; Belgium and Luxembourg, 4,693,000 pounds; Yugoslavia, 1,750,000 pounds; Italy, 82,000 pounds; Greece, 9,000 pounds; and Netherlands East Indies, 1,000,000 pounds.<sup>6</sup> Includes butter spreads exported as follows: Poland and Danzig, 316,000 pounds; Czechoslovakia, 132,000 pounds; Greece, 104,000 pounds; Italy, 67,000 pounds; China, 11,000 pounds; U.S.S.R., 7,000 pounds; Austria, 5,000 pounds; Germany, 34,000 pounds; Japan, 79,000 pounds.<sup>7</sup> British West Africa includes Gambia Coast, Nigeria, St. Helena and Dependencies, Gambia and Sierra Leone.<sup>8</sup> Bales of 500 pounds each. <sup>9</sup> Includes apple cores, peelings, screenings and skins.<sup>10</sup> Includes grape juice, cider, citrus fruit juices, n.e.s. and mixed fruit juices except concentrated fruit juices. <sup>11</sup> Less than ½ ton.<sup>12</sup> Formerly reported as kafir milo.<sup>13</sup> Excludes apricot and peach pits and kernels.<sup>14</sup> French Africa includes Algeria, Tunisia, French Morocco, French Somaliland, Madagascar, French Equatorial Africa, Cameroon, and French West Africa.<sup>15</sup> Portuguese Africa includes Mozambique, Madeira and Cape Verde Islands, and Portuguese Guinea and Angola.<sup>16</sup> Spanish Africa includes Tangier, Spanish Morocco, Canary Islands, Rio de Oro and Spanish Guinea.Office of Foreign Agricultural Relations. Compiled from official records, Bureau of the Census.  
GENERAL NOTE.—Export statistics include Commercial, Lend-Lease and United Nations Relief and Rehabilitation Administration exports. 1947 figures also include exports under the Army Civilian Supply Program. They exclude shipments between Continental United States and its territories, shipments to the United States armed forces abroad for their own use, and prior to July 1945, shipments by and for the account of, or consigned to, United States Government agencies and establishments abroad.



TABLE 604.—Imports (for consumption) of principal agricultural products into the United States, by countries of origin, fiscal years 1945-46 and 1946-47<sup>1</sup>

Commodity imported and country of origin	Year beginning July 1—		Commodity imported and country of origin	Year beginning July 1—	
	1945-46	1946-47		1945-46	1946-47
<b>ANIMAL PRODUCTS</b>			<b>Cheese—Continued</b>		
Cattle (dutyable by weight):			Blue mold:	1,000 pounds	1,000 pounds
Less than 200 pounds each:			Argentina.....	8	0
Canada.....	9	8	Other countries.....	2	(?)
Mexico.....	1	0	Total.....	10	(?)
Other countries.....	0	0			
Total.....	10	8	Cheddar:		
200 to 700 pounds each:			Canada.....	4	10
Canada.....	2	3	Other countries.....	+ 355	(?)
Mexico.....	410	138	Total.....	359	10
Other countries.....	0	0			
Total.....	412	141	Edam and Gouda:		
700 pounds each, or over:			Netherlands.....	(?)	189
Cows for dairy purposes:			Latin-American Republics: <sup>2</sup>		
Canada.....	54	54	Argentina.....	1,749	282
Mexico.....	1	(?)	Cuba.....	31	76
Other countries.....	(?)	0	Dominican Republic.....	16	0
Total.....	55	54	Other L. A. Republics.....	(?)	1
Cattle, n. s. p. f.:			Total L. A. Republics.....	1,796	359
Canada.....	(?)	(?)	Other countries.....	22	3
Mexico.....	38	16	Total.....	1,818	551
Other countries.....	0	(?)			
Total.....	38	16	Goya.....	0	0
Cattle (free of duty):					
Canada.....	38	26	Provoloni:		
Mexico.....	(?)	(?)	Argentina.....	1,234	70
Other countries.....	(?)	1	Other countries.....	3	2
Total.....	38	27	Total.....	1,237	72
			Provolette.....	2	0
	1,000 pounds	1,000 pounds			
Butter:			Reggiano:		
Denmark.....	22	620	Italy.....	0	(?)
United Kingdom.....	0	(?)	Argentina.....	2,071	1,443
Other Europe.....	0	1	Uruguay.....	32	0
Total Europe.....	22	621	Other countries.....	0	0
Canada.....	8	4	Total.....	2,103	1,443
Argentina.....	1	0			
New Zealand.....	3,835	9,998	Parmesan:		
Other countries.....	3	5	Argentina.....	19	0
Total.....	3,869	10,628	Other countries.....	0	(?)
Cheese:			Total.....	19	(?)
Swiss, Emmenthaler, with eye formation:					
Switzerland.....	(?)	6	Romano:		
Latin-American Republics: <sup>2</sup>			Italy.....	1	906
Argentina.....	32	0	Pecoreo.....	0	(?)
Other L. A. Republics.....	0	0	Other Europe.....	0	6
Other countries.....	(?)	(?)	Argentina.....	5,372	8,228
Total.....	32	6	Other countries.....	(?)	0
Swiss, Gruyere, process cheese:			Total.....	5,373	9,140
Switzerland.....	(?)	0			
Latin-American Republics: <sup>2</sup>			Pecorino:		
Argentina.....	31	589	Italy.....	0	907
Other L. A. Republics.....	2	0	Argentina.....	133	66
Other countries.....	0	(?)	Other countries.....	0	(?)
Total.....	33	589	Total.....	133	972
			Roquefort:		
			France.....	0	489
			Other countries.....	(?)	1
			Total.....	(?)	490
			Sbrinz:		
			Argentina.....	834	1,339
			Other countries.....	0	0
			Total.....	834	1,339

See footnotes on page 525.



TABLE 604.—Imports (for consumption) of principal agricultural products into the United States, by countries of origin, fiscal years 1945-46 and 1946-47<sup>1</sup>—Con.

Commodity imported and country of origin	Year beginning July 1—		Commodity imported and country of origin	Year beginning July 1—	
	1945-46	1946-47		1945-46	1946-47
<b>ANIMAL PRODUCTS—continued</b>					
Cheese—Continued	1,000 pounds	1,000 pounds	Beef, canned, including corned:	1,000 pounds	1,000 pounds
Other cheese:			Argentina.....	21,972	4,083
Italy.....	0	5	Brazil.....	373	( <sup>2</sup> )
Greece.....	0	4	Paraguay.....	3,165	0
Norway.....	( <sup>2</sup> )	26	Uruguay.....	2,637	1
Switzerland.....	40	0	Other countries.....	105	( <sup>2</sup> )
Other Europe.....	( <sup>2</sup> )	92	Total.....	28,252	4,084
Total Europe.....	40	127			
Canada.....	164	123	Sausage casings:		
Argentina.....	1,021	17	U. S. S. R.....	143	106
Dominican Republic.....	265	458	United Kingdom.....	53	2
Mexico.....	277	328	Denmark.....	362	1,081
Cuba.....	18	9	Sweden.....	120	752
Other L. A. Republics.....	( <sup>2</sup> )	( <sup>2</sup> )	Other Europe.....	87	46
Total L. A. Republics.....	1,581	812	Total Europe.....	765	2,077
Other countries.....	2	( <sup>2</sup> )	Canada.....	5,386	5,546
Total.....	1,787	1,062	Latin-American Republics: <sup>3</sup>		
Caseln or lactarene:			Argentina.....	4,909	9,499
Canada.....	1,657	381	Uruguay.....	1,339	1,538
Latin-American Republics: <sup>3</sup>			Brazil.....	741	1,436
Argentina.....	44,495	27,644	Chile.....	434	684
Uruguay.....	154	0	Paraguay.....	321	369
Brazil.....	336	0	Peru.....	9	7
Other L. A. Republics.....	0	4	Other L. A. Republics.....	129	131
Total L. A. Republics.....	44,985	27,648	Total L. A. Republics.....	7,882	13,664
Australia.....	85	75	Australia.....	777	786
New Zealand.....	767	574	New Zealand.....	1,536	1,230
Other countries.....	( <sup>2</sup> )	0	China.....	58	262
Total.....	47,494	28,678	Iran (Persia).....	200	505
			Iraq.....	263	266
			India and Dependencies.....	75	65
			Turkey (Asia and Europe).....	116	102
			Other countries.....	210	243
			Total.....	17,358	24,746
Eggs in the shell:	1,000 dozen	1,000 dozen	Beeswax:		
Canada.....	591	573	Portugal.....	82	54
Dominican Republic.....	172	62	United Kingdom.....	275	0
China.....	20	60	Latin-American Republics: <sup>3</sup>		
Hong Kong.....	4	9	Brazil.....	1,561	597
Other countries.....	0	6	Cuba.....	519	575
Total.....	787	710	Chile.....	510	543
			Dominican Republic.....	513	498
			Haiti.....	159	130
			Other L. A. Republics.....	88	133
			Total L. A. Republics.....	3,350	2,476
			Portuguese Guinea and Angola.....	1,575	849
Eggs, whole, dried:	1,000 pounds	1,000 pounds	Ethiopia.....	394	855
China.....	0	( <sup>2</sup> )	Mozambique.....	81	79
Other countries.....	2	1	Madagascar.....	777	0
Egg albumen, dried:			Other countries.....	344	597
China.....	0	( <sup>2</sup> )	Total.....	6,878	4,910
Canada.....	108	0			
Other countries.....	0	0	Honey:		
Egg yolks, dried:			Cuba.....	7,693	9,239
China.....	0	( <sup>2</sup> )	Mexico.....	3,303	7,269
Canada.....	105	( <sup>2</sup> )	Argentina.....	928	3,946
Other countries.....	0	0	Chile.....	1,428	2,638
Total.....	215	15	Guatemala.....	754	1,135
			Costa Rica.....	305	397
			El Salvador.....	12	775
Eggs, whole, frozen:			Haiti.....	200	497
China.....	2	2	Dominican Republic.....	818	869
Other countries.....	0	( <sup>2</sup> )	Other L. A. Republics <sup>3</sup> .....	14	48
Egg albumen, frozen:			Total L. A. Republics.....	15,455	26,813
Egg yolks, frozen:			Other countries.....	223	93
China.....	0	( <sup>2</sup> )	Total.....	15,678	26,906
Other countries.....	0	0			
Total.....	2	2			

See footnotes on page 525.

TABLE 604.—Imports (for consumption) of principal agricultural products into the United States, by countries of origin, fiscal years 1945-46 and 1946-47—Con.

Commodity imported and country of origin	Year beginning July 1—		Commodity imported and country of origin	Year beginning July 1—	
	1945-46	1946-47		1945-46	1946-47
<b>ANIMAL PRODUCTS—continued</b>					
Hides and skins, raw (except furs):			India water buffalo hides:	1,000 pounds	1,000 pounds
Cattle hides:			United Kingdom.....	0	36
United Kingdom.....	81	44	Other Europe.....	0	0
Switzerland.....	0	498	Total Europe.....	0	36
Other Europe.....	0	23	British Malaya.....	0	50
Total Europe.....	81	565	Netherlands East Indies.....	10	11
Canada.....	110	642	India and Dependencies.....	0	186
Latin-American Republics: <sup>1</sup>			China.....	7	44
Argentina.....	5,104	22,436	Australia.....	0	12
Brazil.....	1,581	13,166	Siam.....	0	482
Cuba.....	1,077	655	British East Africa.....	13	17
Uruguay.....	1,306	3,014	Other countries.....	0	232
Paraguay.....	1,078	132	Total.....	30	1,070
Colombia.....	297	2,557	Other buffalo hides:		
Venezuela.....	98	54	Philippine Islands.....	0	486
Other L. A. Republics.....	721	1,452	Netherlands East Indies.....	0	30
Total L. A. Republics.....	14,261	43,796	India and Dependencies.....	0	1,577
New Zealand.....	1,902	908	China.....	0	25
British East Africa.....	576	65	Australia.....	0	19
Union of South Africa.....	117	566	British East Africa.....	69	2
India and Dependencies.....	(2)	101	Union of South Africa.....	54	0
Australia.....	2,481	688	Other countries.....	0	72
Other countries.....	942	1,123	Total.....	123	2,211
Total.....	20,430	48,598	Horse, colt, and ass hides:		
Calf skins:			United Kingdom.....	58	459
Finland.....	0	11	Denmark.....	454	569
United Kingdom.....	0	1	Other Europe.....	67	521
Norway.....	0	80	Total Europe.....	579	1,549
Other Europe.....	0	0	Canada.....	1,196	1,640
Total Europe.....	0	92	Argentina.....	10,090	9,719
Canada.....	(3)	236	Other L. A. Republics <sup>1</sup> .....	1	1,086
Latin-American Republics: <sup>2</sup>			Australia.....	1,294	939
Uruguay.....	11	19	Other countries.....	168	225
Argentina.....	24	110	Total.....	13,328	15,158
Brazil.....	0	91	Sheep and lamb skins:		
Other L. A. Republics.....	1	196	United Kingdom.....	742	632
Total L. A. Republics.....	36	406	Spain.....	17	2
New Zealand.....	980	68	Other Europe.....	176	85
Australia.....	34	10	Total Europe.....	935	719
British East Africa.....	58	0	Canada.....	271	227
Union of South Africa.....	6	266	Latin-American Republics: <sup>3</sup>		
India and Dependencies.....	30	528	Argentina.....	21,109	12,898
Other countries.....	85	86	Uruguay.....	5,027	2,068
Total.....	1,229	1,692	Brazil.....	106	169
Kip skins:			Chile.....	4,051	2,371
Norway.....	0	19	Peru.....	962	644
Other Europe.....	0	0	Other L. A. Republics.....	0	0
Total Europe.....	0	19	Total L. A. Republics.....	31,255	18,150
Canada.....	0	714	New Zealand.....	19,765	16,280
Latin-American Republics: <sup>4</sup>			Union of South Africa.....	7,223	2,188
Argentina.....	259	378	Australia.....	27,714	20,832
Uruguay.....	0	155	Nigeria.....	209	90
Brazil.....	2	41	Egypt.....	30	89
Other L. A. Republics.....	0	105	Anglo-Egyptian Sudan.....	276	482
Total L. A. Republics.....	261	679	Arabia Peninsula States <sup>5</sup> .....	132	141
British East Africa.....	483	11	India and Dependencies.....	4,292	2,920
India and Dependencies.....	1	325	British East Africa.....	58	77
Union of South Africa.....	112	169	British Somaliland.....	192	252
Nigeria.....	387	0	Turkey (Asia and Europe).....	3,021	1,287
Ethiopia.....	60	189	Iran (Persia).....	807	206
Other countries.....	66	81	Other countries.....	316	558
Total.....	1,370	2,187	Total.....	96,496	64,498

See footnotes on page 525.

TABLE 604.—Imports (for consumption) of principal agricultural products into the United States, by countries of origin, fiscal years 1945-46 and 1946-47<sup>1</sup>—Con.

Commodity imported and country of origin	Year beginning July 1—		Commodity imported and country of origin	Year beginning July 1—	
	1945-46	1946-47		1945-46	1946-47
<b>ANIMAL PRODUCTS—continued</b>					
Hides and skins, raw (except furs)—			Deer and elk, buck, doe skins—	1,000	1,000
Continued			Continued	pounds	pounds
Hair sheep and cabretta skins:	1,000	1,000	Siam.....	0	138
Brazil.....	1,277	2,043	Australia.....	93	53
Argentina.....	172	240	China.....	18	70
British West Indies <sup>6</sup> .....	15	18	New Zealand.....	374	423
Union of South Africa.....	4,518	1,107	French Pacific Islands <sup>7</sup> .....	13	29
India and Dependencies.....	472	1,359	Other countries.....	42	312
Nigeria.....	426	1,226	Total.....	1,635	2,356
Anglo-Egyptian Sudan.....	661	228			
British Somaliland.....	579	325	Other hides and skins:	1,000	1,000
Turkey.....	883	542	Latin-American Republics: <sup>8</sup>	pieces	pieces
British East Africa.....	106	226	Canada.....	37	41
Arabia Peninsula States <sup>7</sup> .....	325	157	Brazil.....	903	813
Other countries.....	1,456	2,232	Peru.....	116	103
Total.....	10,890	9,703	Argentina.....	247	117
Goat and kid skins:			Colombia.....	122	79
Yugoslavia.....	0	232	Mexico.....	82	31
Spain.....	( <sup>2</sup> )	4	Ecuador.....	32	31
U. S. S. R.....	0	217	Uruguay.....	15	2
Other Europe.....	0	115	Other L. A. Republics.....	74	71
Total Europe.....	( <sup>2</sup> )	568	Total L. A. Republics.....	1,591	1,247
Latin-American Republics: <sup>8</sup>			Union of South Africa.....	6	4
Brazil.....	1,515	4,401	Belgian Congo.....	( <sup>2</sup> )	2
Argentina.....	1,340	3,197	Other countries.....	29	69
Mexico.....	15	305	Total.....	1,663	1,363
Venezuela.....	839	1,600			
Peru.....	1,184	1,484	Silk, raw, in skeins reeled from the	1,000	1,000
Haiti.....	465	490	cocoons:	pounds	pounds
Colombia.....	328	343	Italy.....	1,351	790
Dominican Republic.....	65	75	Japan.....	4,196	7,092
Other L. A. Republics.....	53	241	China.....	609	436
Total L. A. Republics.....	5,813	12,145	Brazil.....	235	29
British West Indies <sup>6</sup> .....	187	217	Other countries.....	0	1
Curacao (N. W. I.).....	69	39	Total.....	6,391	8,348
India and Dependencies.....	11,527	24,125	Wool, unmanufactured:		
Nigeria.....	2,961	1,664	Free in bond for manufacture in		
Union of South Africa.....	1,547	3,297	carpets, etc. (complementary)...	237,010	194,024
Netherlands East Indies.....	0	2	Other wool (supplementary).....	808,355	659,696
British East Africa.....	796	453	Total wool, unmanufactured.....	1,045,365	853,720
British Somaliland.....	897	1,595			
China.....	( <sup>2</sup> )	1,165	Wool, unmanufactured:		
Iraq.....	0	3	Donskoi, Smyrna, etc.:		
Iran (Persia).....	353	1,653	Free in bond for manufacture in		
Arabia Peninsula States <sup>7</sup> .....	1,157	1,391	carpets, etc.:		
Turkey (Asia and Europe).....	1,321	408	United Kingdom.....	11,986	773
Other countries.....	1,660	4,778	Eire (Ireland).....	3,023	1,867
Total.....	28,288	53,503	Portugal.....	0	44
Kangaroo or wallaby skins:			Italy.....	0	855
Australia.....	1,494	2,664	Other Europe.....	263	481
Other countries.....	1	0	Total Europe.....	15,272	4,020
Total.....	1,495	2,664	Iceland.....	136	331
Deer and elk, buck, doe skins:			Latin-American Republics: <sup>8</sup>		
United Kingdom.....	31	24	Argentina.....	54,291	46,151
Canada.....	9	2	Brazil.....	347	446
Latin-American Republics: <sup>8</sup>			Uruguay.....	310	155
Brazil.....	633	763	Other L. A. Republics.....	97	73
Nicaragua.....	169	193	Total L. A. Republics.....	55,045	46,855
Peru.....	61	61	Iraq.....	5,365	9,883
Ecuador.....	43	50	India and Dependencies.....	31,642	23,860
Colombia.....	8	37	China.....	6,360	6,118
Other L. A. Republics.....	141	201	Union of South Africa.....	1,735	458
Total L. A. Republics.....	1,055	1,305	Egypt.....	22	1,061
			Syria.....	721	12,309
			New Zealand.....	1,100	8,028
			Other countries.....	4,801	3,589
			Total.....	122,199	116,532

See footnotes on page 525.

TABLE 604.—Imports (for consumption) of principal agricultural products into the United States, by countries of origin, fiscal years 1945-46 and 1946-47<sup>1</sup>—Con.

Commodity imported and country of origin	Year beginning July 1—		Commodity imported and country of origin	Year beginning July 1—	
	1945-46	1946-47		1945-46	1946-47
<b>ANIMAL PRODUCTS—continued</b>					
Wool, unmanufacture <sup>1</sup> —Continued			Hair of the camel—Continued	1,000	1,000
Donskoi, Smyrna, etc.—Con.			Ordinarily dutiable:	pounds	pounds
Ordinarily dutiable:			U. S. S. R.	700	448
United Kingdom.....	825	39	China.....	0	218
Eire (Ireland).....	0	29	Iraq.....	50	2
Other Europe.....	0	0	Iran (Persia).....	14	22
Total Europe.....	825	68	Afghanistan.....	8	34
			Other countries.....	0	7
Iceland.....	642	349	Total.....	772	731
Latin-American Republics: <sup>2</sup>			Woolen type, finer than 40's—		
Argentina.....	1,364	1,662	(clothing wool):		
Uruguay.....	6	0	United Kingdom.....	120	48
Other L. A. Republics.....	0	0	Other Europe.....	33	87
Total L. A. Republics.....	1,370	1,662	Canada.....	563	76
Iraq.....	33	1	Latin-American Republics: <sup>2</sup>		
India and Dependencies.....	64	152	Argentina.....	40,508	18,631
China.....	62	31	Uruguay.....	13,302	4,386
Syria.....	0	4	Peru.....	1,511	349
New Zealand.....	0	6	Chile.....	1,745	650
Other countries.....	27	4	Brazil.....	10	86
Total.....	3,023	2,277	Other L. A. Republics.....	0	0
Other wools not finer than 40's:			Total L. A. Republics.....	57,076	24,102
Free in bond for manufacture in			Union of South Africa.....	6,115	3,190
carpets, etc.:			Australia.....	6,338	5,108
Eire (Ireland).....	219	272	New Zealand.....	3,555	12,350
United Kingdom.....	3,027	706	Other countries.....	7	0
Other Europe.....	143	354	Total.....	73,807	44,961
Total Europe.....	3,389	1,332	Worsted type, finer than 40's		
Latin-American Republics: <sup>2</sup>			(combing wool):		
Argentina.....	98,257	66,200	Eire (Ireland).....	50	68
Uruguay.....	1,537	528	United Kingdom.....	61	1,358
Other L. A. Republics.....	10	6	Other Europe.....	0	7
Total L. A. Republics.....	99,804	66,734	Total Europe.....	111	1,433
New Zealand.....	8,662	6,138	Canada.....	7,742	2,474
China.....	228	121	Latin-American Republics: <sup>2</sup>		
India and Dependencies.....	1,320	1,876	Argentina.....	73,021	37,140
Australia.....	0	6	Uruguay.....	92,591	59,553
Other countries.....	907	538	Brazil.....	425	1,112
Total.....	114,310	76,745	Peru.....	820	61
Ordinarily dutiable:			Chile.....	11,596	13,151
Eire (Ireland).....	314	228	Other L. A. Republics.....	55	0
United Kingdom.....	338	0	Total L. A. Republics.....	178,508	111,017
Other Europe.....	0	0	Australia.....	341,563	320,562
Total Europe.....	652	228	Union of South Africa.....	89,022	79,681
Latin-American Republics: <sup>2</sup>			New Zealand.....	41,571	36,846
Argentina.....	58,031	49,490	Other countries.....	153	307
Uruguay.....	487	771	Total.....	658,670	552,320
Other L. A. Republics.....	9	0	Hair of the Angora (mohair), Al-		
Total L. A. Republics.....	58,527	50,261	paca, etc.:		
New Zealand.....	1,910	1,265	Peru.....	5,947	2,306
China.....	25	1	Mexico.....	28	134
India and Dependencies.....	0	7	Argentina.....	712	309
Australia.....	273	108	Chile.....	18	26
Iran (Persia).....	1	0	Other L. A. Republics: <sup>2</sup>	3	2
Other countries.....	126	189	Total L. A. Republics.....	6,708	2,777
Total.....	61,514	52,050	Union of South Africa.....	499	822
Hair of the camel:			China.....	0	73
Free in bond for manufacture in			Iran (Persia).....	92	330
carpets, etc.:			Australia.....	2,806	2,646
U. S. S. R.....	335	182	Other countries.....	464	699
China.....	0	536	Total.....	10,569	7,348
Iran (Persia).....	166	29			
Other countries.....	0	0			
Total.....	501	747			

See footnotes on page 525.

TABLE 604.—Imports (for consumption) of principal agricultural products into the United States, by countries of origin, fiscal years 1945-46 and 1946-47<sup>1</sup>—Con.

Commodity imported and country of origin	Year beginning July 1—		Commodity imported and country of origin	Year beginning July 1—	
	1945-46	1946-47		1945-46	1946-47
<b>VEGETABLE PRODUCTS</b>					
Cocoa or cacao beans and shells:	1,000 pounds	1,000 pounds	Crin vegetal:	\$,240-lb. tons	\$,240-lb. tons
Brazil.....	144, 296	138, 152	French Morocco.....	524	1, 890
Dominican Republic.....	43, 306	62, 047	Argentina.....	787	732
Ecuador.....	14, 258	24, 401	Spanish Africa.....	1, 411	252
Venezuela.....	31, 625	22, 287	Other countries.....	222	835
Costa Rica.....	( <sup>2</sup> )	250	Total.....	2, 944	3, 709
Panama Republic.....	1, 224	4, 628	Flax, unmanufactured:		
Canal Zone.....	81	79	U. S. S. R.....	843	759
Haiti.....	1, 340	4, 062	Belgium.....	402	2, 176
Other L. A. Republics <sup>1</sup> .....	0	969	United Kingdom.....	2	779
Total L. A. Republics.....	236, 130	258, 375	Other Europe.....	350	238
British West Indies <sup>8</sup> .....	9, 249	9, 064	Total Europe.....	1, 597	3, 952
British West Africa <sup>9</sup> .....	354, 148	276, 372	Canada.....	1, 460	1, 429
French Africa <sup>10</sup> .....	38, 749	22, 662	Chile.....	57	42
New Zealand.....	2, 780	1, 267	Peru.....	0	187
Other countries.....	316	744	Argentina.....	10	0
Total.....	641, 372	568, 484	Other countries.....	74	63
Coffee:			Total.....	3, 198	5, 673
Brazil.....	1, 734, 256	1, 233, 363	Hemp, unmanufactured:		
Colombia.....	659, 122	684, 723	Italy.....	0	31
Venezuela.....	66, 260	84, 970	Other countries.....	0	15
El Salvador.....	75, 061	145, 901	Total.....	0	46
Guatemala.....	95, 281	107, 176	Isle or Tampico:		
Mexico.....	68, 965	53, 701	Mexico.....	8, 206	10, 739
Haiti.....	30, 293	17, 812	Other countries.....	0	2
Costa Rica.....	35, 286	24, 825	Total.....	8, 206	10, 741
Ecuador.....	10, 737	6, 974	Jute and jute butts, unmanufactured:		
Nicaragua.....	27, 444	25, 253	India and Dependencies.....	77, 734	35, 419
Dominican Republic.....	25, 376	24, 701	Other countries.....	0	45
Other L. A. Republics <sup>1</sup> .....	10, 781	4, 105	Total.....	77, 734	35, 464
Total L. A. Republics.....	2, 836, 862	2, 413, 504	Kapok:		
Netherlands East Indies.....	0	49	Ecuador.....	235	497
Belgian Congo.....	614	5, 809	Dominican Republic.....	47	44
Arabia Peninsula State; <sup>7</sup> .....	( <sup>3</sup> )	2, 012	Brazil.....	5	6
Portuguese Africa <sup>11</sup> .....	24, 896	52, 708	Other L. A. Republics <sup>1</sup> .....	2	1
Other countries.....	3, 949	1, 473	Total L. A. Republics.....	289	548
Total.....	2, 866, 321	2, 475, 555	Netherlands East Indies.....	110	261
<b>Fibers:</b>			Republic of Philippines.....	0	52
Cotton, raw: <sup>12</sup>	Bales	Bales	India and Dependencies.....	75	0
Mexico.....	13, 400	18, 846	Other countries.....	9	143
Peru.....	22, 493	45, 095	Total.....	493	1, 004
Brazil.....	1, 300	930	Manila or abaca:		
India and Dependencies.....	214, 856	102, 920	Panama Republic.....	1, 640	3, 701
Egypt.....	72, 315	134, 005	Canal Zone.....	545	196
Anglo-Egyptian Sudan.....	0	2	Costa Rica.....	2, 669	2, 034
China.....	0	216	Guatemala.....	2, 260	1, 628
Other countries.....	( <sup>4</sup> )	1, 515	Honduras.....	1, 295	1, 794
Total.....	324, 364	303, 529	Other L. A. Republics <sup>1</sup> .....	1	0
Cotton linters: <sup>13</sup>			Total L. A. Republics.....	8, 410	9, 353
U. S. S. R.....	5, 704	24, 484	Republic of Philippines.....	11, 216	45, 929
Latin-American Republics: <sup>1</sup>			Netherlands East Indies.....	0	38
Brazil.....	195, 410	26, 568	Other countries.....	0	157
Argentina.....	18, 929	5, 516	Total.....	19, 626	55, 477
Mexico.....	30, 551	39, 429	New Zealand fiber.....	0	0
Peru.....	1, 580	1, 629			
Ecuador.....	9	8			
Other L. A. Republics.....	5, 627	284			
Total L. A. Republics.....	252, 106	73, 434			
Other countries.....	1, 935	339			
Total.....	259, 745	98, 257			

See footnotes on page 525.

TABLE 604.—Imports (for consumption) of principal agricultural products into the United States, by countries of origin, fiscal years 1945-46 and 1946-47<sup>1</sup>—Con.

Commodity imported and country of origin	Year beginning July 1—		Commodity imported and country of origin	Year beginning July 1—	
	1945-46	1946-47		1945-46	1946-47
<b>VEGETABLE PRODUCTS—continued</b>					
<b>Fibers.—Continued</b>					
Sisal and henequen:	\$,240-lb. tons	\$,240-lb. tons			
Mexico.....	57,437	56,736	Cherries, natural, sulphured, or in brine:	1,000 pounds	1,000 pounds
Haiti.....	12,663	17,861	Yugoslavia.....	22	68
Cuba.....	429	416	Italy.....	112	4,383
Other L. A. Republics <sup>1</sup> .....	0	702	Chile.....	0	67
Total L. A. Republics.....	70,529	75,715	Other countries.....	1	74
Netherlands East Indies.....	494	951	Total.....	135	4,592
British East Africa.....	31,478	15,332	Cherries, dried or prepared:		
Mozambique.....	16,251	11,160	France.....	0	2
Other Portuguese Africa <sup>11</sup> .....	6,591	7,206	Canada.....	(?)	(?)
Other countries.....	2,753	3,914	Other countries.....	0	1
Total.....	128,096	114,278	Total.....	(?)	3
Other vegetable fibers: <sup>12</sup>			Currants:		
Brazil.....	665	1,427	Greece.....	0	14
Mexico.....	322	572	Other countries.....	3	0
Other L. A. Republics <sup>1</sup> .....	57	612	Total.....	3	14
Total L. A. Republics.....	1,044	2,611	Dates:		
India and Dependencies.....	3,584	2,914	Iraq.....	35,632	43,905
Netherlands East Indies.....	0	38	Iran (Persia).....	3,399	1,248
Ceylon.....	1,122	3,500	Other countries.....	5	35
British West Africa <sup>1</sup> .....	412	2,142	Total.....	39,036	45,186
Liberia.....	1,669	1,480	Figs:		
Madagascar.....	261	325	Greece.....	0	1,146
Belgian Congo.....	0	1,200	Turkey.....	3,501	1,526
Republic of Philippines.....	0	654	Italy.....	(?)	322
Other countries.....	195	1,075	Other countries.....	1	13
Total.....	8,287	15,939	Total.....	3,502	3,507
<b>Fruits:</b>	1,000 bushels	1,000 bushels	Grapes, hothouse:	1,000 cu. ft.	1,000 cu. ft.
Apples, green or ripe:			Belgium.....	(?)	2
Canada.....	62	901	Other countries.....	0	(?)
Argentina.....	1	2	Total.....	(?)	2
Chile.....	101	62	Grapes, other:		
Australia.....	87	19	Canada.....	269	167
New Zealand.....	13	0	Argentina.....	19	260
Other countries.....	0	0	Chile.....	22	113
Total.....	264	984	Other countries.....	4	38
Avocados:	1,000 pounds	1,000 pounds	Total.....	314	578
Cuba.....	892	4,889	Lemons (76 lbs.).....	1,000 boxes	1,000 boxes
Other countries.....	(?)	(?)		(?)	6
Total.....	892	4,889	Olives, in brine:	1,000 gallons	1,000 gallons
Bananas:	1,000 bunches	1,000 bunches	Spain.....	10,414	7,202
Honduras.....	9,420	13,087	Greece.....	23	734
Panama Republic.....	2,596	4,187	Portugal.....	22	0
Canal Zone.....	1,099	713	Italy.....	51	562
Guatemala.....	10,028	10,091	Other Europe.....	0	0
Cuba.....	3,249	4,499	Total Europe.....	10,510	8,498
Costa Rica.....	4,233	5,762	Other countries.....	22	74
Mexico.....	5,693	8,532	Total.....	10,532	8,572
Haiti.....	4,975	7,363	Pears, green, ripe, in brine:	1,000 pounds	1,000 pounds
Colombia.....	1,899	1,685	Canada.....	(?)	24
Nicaragua.....	169	352	Argentina.....	13,290	7,269
Ecuador.....	64	1,165	Chile.....	159	515
Other L. A. Republics <sup>1</sup> .....	1,359	1,315	China.....	0	7
Total L. A. Republics.....	44,784	58,651	Hong Kong.....	0	1
British West Indies <sup>1</sup> .....	784	68	Australia.....	1,502	1,075
British Honduras.....	83	204	Other countries.....	0	54
Other countries.....	473	0	Total.....	14,951	8,945
Total.....	45,544	58,923			

See footnotes on page 525.



TABLE 604.—Imports (for consumption) of principal agricultural products into the United States, by countries of origin, fiscal years 1945-46 and 1946-47<sup>1</sup>—Con.

Commodity imported and country of origin	Year beginning July 1—		Commodity imported and country of origin	Year beginning July 1—	
	1945-46	1946-47		1945-46	1946-47
<b>VEGETABLE PRODUCTS—continued</b>					
<b>Fruits—Continued</b>					
Pineapples, fresh (2.45 cu. ft.):	1,000	1,000	Rice, broken:	1,000	1,000
Cuba.....	crates	crates	Argentina.....	pounds	pounds
Other countries.....	1,370	971	Surinam.....	6,141	0
Total.....	3	10	Other countries.....	316	519
				0	(?)
	1,373	981	Total.....	6,457	519
Pineapples, fresh:	Thou-	Thou-	Rye, grain (56 lbs.):	1,000	1,000
Mexico.....	sands	sands	Canada.....	bushels	bushels
Other countries.....	10,974	13,035	Other countries.....	1,996	1,641
Total.....	(?)	67		0	(?)
	237	53	Total.....	1,996	1,641
	11,211	13,155			
			Wheat, grain (60 lbs.):		
Pineapples, prepared or preserved:	1,000	1,000	For domestic use:		
Cuba.....	pounds	pounds	Unfit for human consumption:		
Mexico.....	18,828	38,077	Canada.....	719	28
Other countries.....	3,860	7,655	Other countries.....	7	0
Total.....	1	(?)	Other wheat grain:		
	22,689	45,732	Canada.....	1,136	22
			Other countries.....	0	(?)
Grains and grain products:	1,000	1,000	For milling in bond and export:		
Barley, grain (48 lbs.):	bushels	bushels	To Cuba:		
Canada.....	5,647	4,063	Canada.....	2	367
Other countries.....	0	0	Other countries.....	0	0
Total.....	5,647	4,063	To other countries:		
			Canada.....	11,589	1,601
Barley, malt:	1,000	1,000	Other countries.....	0	0
Canada.....	pounds	pounds	Total.....	13,453	2,018
Argentina.....	5,697	7,503			
Other countries.....	0	0	Wheat flour (100 lbs.):	Bags	Bags
Total.....	5,697	7,558	Canada.....	41,401	3,122
			Other countries.....	48	81
			Total.....	41,449	3,203
Corn, grain (56 lbs.):	1,000	1,000			
Canada.....	bushels	bushels	Feeds (2,000 lbs.):	Tons	Tons
Mexico.....	81	89	Bran shorts, etc., of wheat:		
Dominican Republic.....	9	4	Canada.....	139,513	57,430
Other countries.....	317	532	Argentina.....	52,575	23,216
Total.....	5	9	Mexico.....	6,334	5,954
	412	634	Other countries.....	25	30
			Total.....	198,447	86,630
Oats, grain (32 lbs.):					
Canada.....	21,478	923	Oil cake and oil-cake meal:		
Mexico.....	0	(?)	Coconut or copra:		
Other countries.....	0	1	Republic of Philippines.....	199	1,426
Total.....	21,478	924	Other countries.....	180	19
			Total.....	379	1,445
Rice, cleaned, ex. patna:	1,000	1,000	Soybean.....	26	0
Brazil.....	pounds	pounds			
Dominican Republic.....	2,167	5	Nuts:	1,000	1,000
Mexico.....	14	161	Almonds, shelled:	pounds	pounds
Iran.....	20	28	Portugal.....	1,525	495
Other countries.....	(?)	2	Spain.....	16,498	2,250
Total.....	2,209	210	Italy.....	902	5,985
			Other Europe.....	0	4
Rice, patna.....	0	0	Total Europe.....	17,925	8,734
			India and Dependencies.....	0	16
Rice, uncleaned and paddy.....	1	(?)	Iran (Persia).....	80	99
			Other countries.....	111	79
Rice, flour, meal, polish, and bran:			Total.....	18,116	8,928
Brazil.....	0	1,873			
Dominican Republic.....	(?)	0	Almonds, not shelled:		
Mexico.....	1,260	959	Spain.....	490	378
China.....	1	14	Other Europe.....	0	26
Hong Kong.....	(?)	5	Iran (Persia).....	(?)	0
Other countries.....	1	4	Other countries.....	11	(?)
Total.....	1,252	2,856	Total.....	501	404

See footnotes on page 525.



TABLE 604.—Imports (for consumption) of principal agricultural products into the United States, by countries of origin, fiscal years 1945-46 and 1946-47<sup>1</sup>—Con.

Commodity imported and country of origin	Year beginning July 1—		Commodity imported and country of origin	Year beginning July 1—	
	1945-46	1946-47		1945-46	1946-47
<b>VEGETABLE PRODUCTS—continued</b>					
<b>Nuts—Continued:</b>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<b>Walnuts, shelled:</b>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
Brazil nuts, shelled:			Italy.....	28	264
Brazil.....	6,110	6,879	China.....	0	14
Other countries.....	2	23	Turkey (Asia and Europe).....	268	448
Total.....	6,112	6,902	India and Dependencies.....	45	0
			Other countries.....	22	13
Brazil nuts, not shelled:			Total.....	363	739
Brazil.....	4,282	23,951	<b>Walnuts, not shelled:</b>		
Other countries.....	0	0	Italy.....	0	230
Total.....	4,282	23,951	Iran (Persia).....	47	0
<b>Cashew nuts:</b>			Other countries.....	0	4
Brazil.....	779	630	Total.....	47	234
Haiti.....	219	152	<b>Oilseeds:</b>		
India and Dependencies.....	28,382	29,008	Babassu nuts.....	0	0
Other Asia.....	300	567	<b>Babassu kernels:</b>		
Other countries.....	41	111	Brazil.....	64,869	27,873
Total.....	29,721	30,468	Other countries.....	0	0
<b>Chestnuts, including marrons, crude, dried, or baked:</b>			Total.....	64,869	27,873
Spain.....	0	675	<b>Castor beans:</b>		
Portugal.....	153	63	Brazil.....	254,195	228,722
Italy.....	148	6,300	Haiti.....	3,459	6,671
Hong Kong.....	0	(2)	El Salvador.....	0	736
Other countries.....	(2)	3	Guatemala.....	76	54
Total.....	301	7,041	Ecuador.....	1,015	1,364
<b>Filberts, shelled:</b>			Other countries.....	2,809	397
Spain.....	54	1	Total.....	261,644	237,944
Italy.....	239	380	<b>Copra, not prepared:</b>		
Other Europe.....	0	(2)	Republic of Philippines.....	192,081	1,304,634
Total Europe.....	293	381	French Pacific Islands.....	32,732	0
Turkey (Asia and Europe).....	8,940	10,068	New Zealand.....	12,952	0
Other countries.....	355	13	British Oceania.....	63,144	0
Total.....	9,588	10,487	Ceylon.....	12,801	0
<b>Filberts, not shelled:</b>			Other countries.....	442	1,900
Italy.....	425	3,483	Total.....	314,152	1,306,534
Spain.....	451	138	<b>Flaxseed:</b>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
Turkey (Asia and Europe).....	17	0	Canada.....	346	50
Other countries.....	0	0	Argentina.....	1,352	0
Total.....	893	3,621	Uruguay.....	1,685	982
<b>Peanuts, shelled:</b>			Mexico.....	46	321
Argentina.....	21,469	0	Other countries.....	(2)	(2)
China.....	(2)	(2)	Total.....	3,429	1,353
Other countries.....	0	0	<b>Rapeseed:</b>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
Total.....	21,469	(2)	Netherlands.....	646	20
<b>Peanuts, not shelled:</b>			Canada.....	732	37
China.....	(2)	2	Argentina.....	423	14
Hong Kong.....	1	(2)	Other countries.....	0	196
Other countries.....	0	(2)	Total.....	1,801	267
Total.....	1	2	<b>Sesame seed:</b>		
<b>Pistache nuts:</b>			Nicaragua.....	2,916	6,314
Italy.....	661	263	Brazil.....	515	196
Syria.....	558	442	Mexico.....	(3)	0
Iran (Persia).....	229	0	Guatemala.....	4	0
Turkey (Asia and Europe).....	150	2,371	Dominican Republic.....	148	119
India and Dependencies.....	268	15	El Salvador.....	0	500
Afghanistan.....	538	11	Other L. A. Republics.....	224	6
Other countries.....	0	0	Total L. A. Republics.....	3,807	7,135
Total.....	2,414	3,102	China.....	2	800
			India and Dependencies.....	43	213
			Hong Kong.....	4	5
			Other countries.....	473	45
			Total.....	4,329	8,198

TABLE 604.—Imports (for consumption) of principal agricultural products into the United States, by countries of origin, fiscal years 1945-46 and 1946-47<sup>1</sup>—Con.

Commodity imported and country of origin	Year beginning July 1—		Commodity imported and country of origin	Year beginning July 1—	
	1945-46	1946-47		1945-46	1946-47
<b>VEGETABLE PRODUCTS—continued</b>					
<b>Oils:</b>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<b>Rapeseed (colza) oil:</b>	<i>1,000 gallons</i>	<i>1,000 gallons</i>
Carnauba wax:			Argentina.....	1,376	257
Brazil.....	19,228	12,234	France.....	0	302
Other countries.....	0	0	Canada.....	0	111
Total.....	19,228	12,234	Other countries.....	0	17
<b>Coconut oil:</b>			Total.....	1,376	687
Republic of Philippines.....	0	12,338			
Ceylon.....	5,312	0	<b>Soybean oil:</b>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
India and Dependencies.....	2,630	0	China.....	0	4
British Oceania.....	2,239	0	Other countries.....	(?)	1
Other countries.....	0	3,998	Total.....	(?)	5
Total.....	10,181	16,336			
<b>Linseed oil:</b>			<b>Tung oil:</b>		
United Kingdom.....	1	1	Brazil.....	132	124
Canada.....	7,704	12,901	Argentina.....	1,076	0
Argentina.....	96,076	139,076	China.....	4,970	106,629
Uruguay.....	1,671	5,297	Hong Kong.....	0	431
Other countries.....	0	10,976	Other countries.....	152	0
Total.....	105,452	168,251	Total.....	6,330	107,184
<b>Oilseeds oil:</b>			<b>Pepper, unground:</b>		
Brazil.....	19,441	22,648	Mexico.....	1	103
Mexico.....	174	0	Netherlands East Indies.....	7	19,088
Other countries.....	0	0	India and Dependencies.....	3,360	12,701
Total.....	19,615	22,648	British Malaya.....	0	2,529
<b>Olive oil, edible:</b>			French Indo-China.....	0	22
Greece.....	14	450	Other countries.....	0	561
Spain.....	1,616	9,089	Total.....	3,368	35,094
Italy.....	(?)	5,194			
France.....	0	11	<b>Sugar, raw, cane (2,000 lbs.):</b>	<i>1,000 tons</i>	<i>1,000 tons</i>
Other Europe.....	0	(?)	Cuba.....	2,353	3,317
Total Europe.....	1,630	14,744	Peru.....	55	28
<b>French Morocco.....</b>	0	416	Other L. A. Republics.....	0	(?)
Syria.....	165	1,533	Total L. A. Republics.....	2,408	3,345
Other countries.....	(?)	233	<b>French West Indies.....</b>	11	0
Total.....	1,795	16,956	Australia.....	1	0
<b>Olive oil, inedible:</b>			Other countries.....	3	(?)
Italy.....	0	90	Total.....	2,423	3,345
Spain.....	26	15			
Other Europe.....	0	0	<b>Tea:</b>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
Total Europe.....	26	105	United Kingdom.....	0	(?)
French Morocco.....	38	0	Netherlands East Indies.....	0	28
Syria.....	7	137	Ceylon.....	37,691	31,307
Other countries.....	5	32	Japan.....	0	7,619
Total.....	76	274	India and Dependencies.....	48,584	47,998
<b>Palm oil:</b>			China.....	201	2,723
Belgian Congo.....	23,875	47,978	Other countries.....	110	388
British West Africa.....	7,240	0	Total.....	86,586	90,063
Other countries.....	6	3	<b>Tobacco leaf, unmanufactured:</b>		
Total.....	31,121	47,981	Leaf for cigar wrappers:		
<b>Peanut oil:</b>			Cuba.....	285	351
China.....	21	133	Netherlands East Indies.....	1,090	1,042
Hong Kong.....	0	13	Other countries.....	36	20
Other countries.....	(?)	(?)	Total.....	1,420	1,413
Total.....	21	146	<b>Cigar leaf filler (stemmed and unstemmed):</b>		
<b>Perilla oil:</b>			Cuba.....	18,361	24,148
Manchuria.....	14	0	Other countries.....	22	160
Other countries.....	0	0	Total.....	18,383	24,308
Total.....	14	0			

See footnotes on page 525.

TABLE 604.—Imports (for consumption) of principal agricultural products into the United States, by countries of origin, fiscal years 1945-46 and 1946-47<sup>1</sup>—Con.

Commodity imported and country of origin	Year beginning July 1—		Commodity imported and country of origin	Year beginning July 1—	
	1945-46	1946-47		1945-46	1946-47
<b>VEGETABLE PRODUCTS—continued</b>					
Tobacco leaf, unmanufactured—Continued	1,000 pounds	1,000 pounds	Tomatoes, canned:	1,000 pounds	1,000 pounds
Cigarette leaf:			Italy.....	146	14,065
Greece.....	2,385	6,447	Canada.....	4	5
Bulgaria.....	532	1,972	Mexico.....	208	762
U. S. S. R.....	873	1,568	Other countries.....	1	1
Turkey (Asia and Europe).....	43,495	43,335	Total.....	449	14,833
Syria.....	2,847	3,214	<b>Farinaceous substances:</b>		
Other countries.....	977	1,376	Arrowroot, crude, or manufac-		
Total.....	51,109	57,912	tured, starch and flour:		
<b>Vegetables and preparations:</b>			Brazil.....	171	0
Eggplant, fresh:			British West Indies <sup>a</sup> .....	3,822	5,029
Cuba.....	891	1,542	Other countries.....	0	21
Mexico.....	948	283	Total.....	3,993	5,050
Other countries.....	0	1	<b>Sago, crude, and sago flour:</b>		
Total.....	1,839	1,826	Netherlands East Indies.....	280	2,768
<b>Onions (57 lbs.):</b>			British Malaya.....	0	2,752
Canada.....	1,000 bushels <sup>(2)</sup>	1,000 bushels	Other countries.....	0	3
Chile.....	66	39	Total.....	280	5,553
Mexico.....	285	83	<b>Tapioca, tapioca flour, and cassava:</b>		
Argentina.....	1	2	Dominican Republic.....	6,128	5,672
Dominican Republic.....	1	0	Brazil.....	74,236	268,129
Other countries.....	27	21	Cuba.....	0	57
Total.....	380	146	Other L. A. Republics <sup>1</sup> .....	0	1,986
<b>Peas, green or unripe (except cow-</b>			Total L. A. Republics.....	80,364	275,814
peas and chick peas):	1,000 pounds	1,000 pounds	<b>Netherlands East Indies.....</b>		
Canada.....	39	20		552	2,132
Mexico.....	5,991	4,100	China.....	6	136
Cuba.....	( <sup>2</sup> )	0	Hong Kong.....	5	11
Other countries.....	1	0	Other countries.....	8	2,260
Total.....	6,031	4,120	Total.....	80,935	280,336
<b>Peppers, green:</b>			<b>Rubber and allied gums:</b>		
Mexico.....	10,400	20,260	Guayule:		
Cuba.....	109	1,391	Mexico.....	15,697	11,906
Other countries.....	9	52	Other countries.....	0	56
Total.....	10,518	21,703	Total.....	15,697	11,962
<b>Potatoes, white or Irish:</b>			<b>Other rubber, crude:<sup>14</sup></b>		
Certified seed:	1,000 bushels	1,000 bushels	Brazil.....	39,670	21,061
Canada.....	1,708	2,257	Ecuador.....	3,823	2,508
Other countries.....	0	0	Peru.....	2,970	3,982
Other potatoes:			Nicaragua.....	2,076	787
Canada.....	10	2,346	Colombia.....	504	0
Other countries.....	0	1	Bolivia.....	7,817	7,301
Total.....	1,803	4,604	Other L. A. Republics <sup>1</sup> .....	1,912	268
<b>Tomatoes, fresh:</b>			Total L. A. Republics.....	58,771	35,907
Canada.....	1,411	1,492	<b>British Malaya.....</b>		
Mexico.....	168,243	235,432		130,835	1,068,133
Cuba.....	32,723	24,668	Netherlands East Indies.....	9,520	112,285
British West Indies <sup>a</sup> .....	686	1,555	Ceylon.....	108,293	22,582
Other countries.....	2	21	French Indo-China.....	57,869	106,889
Total.....	203,065	263,168	Liberia.....	44,950	49,623
			Other countries.....	19,703	31,329
			Total.....	429,971	1,426,839

See footnotes on page 525.

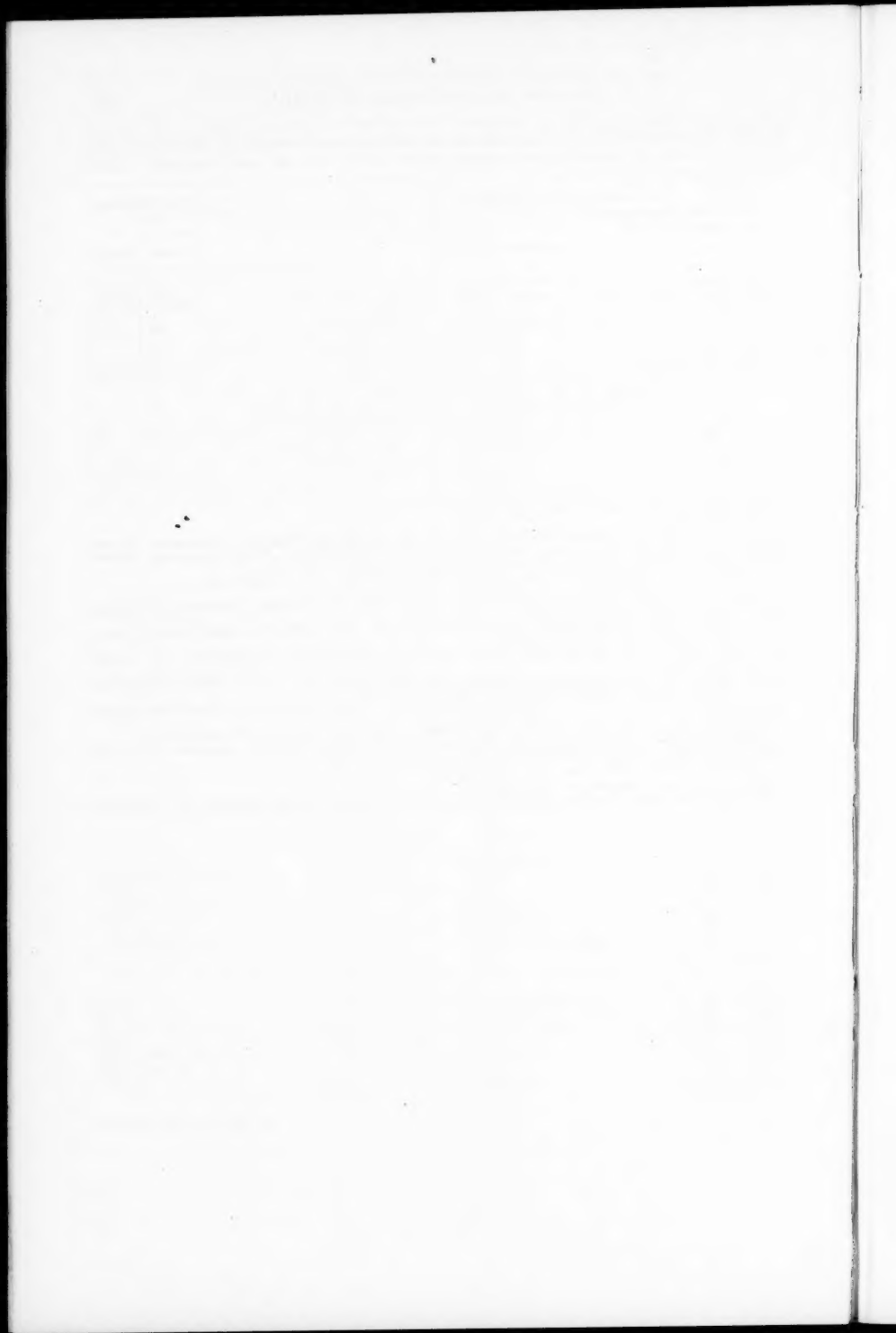
TABLE 604.—Imports (for consumption) of principal agricultural products into the United States, by countries of origin, fiscal years 1945-46 and 1946-47<sup>1</sup>—Con.

Commodity imported and country of origin	Year beginning July 1—		Commodity imported and country of origin	Year beginning July 1—	
	1945-46	1946-47		1945-46	1946-47
VEGETABLE PRODUCTS—continued	1,000	1,000		1,000	1,000
Rubber and allied gums—Con.	pounds	pounds		pounds	pounds
Gutta balata:			Jelutong or pontianak:		
Brazil.....	3,580	3,190	Brazil.....	0	44
Peru.....	13	16	British Malaya.....	134	2,671
Venezuela.....	121	775	Netherlands East Indies.....	0	178
Colombia.....	64	257	Other countries.....	0	0
Other L. A. Republics <sup>2</sup> .....	16	50	Total.....	134	2,893
Total L. A. Republics.....	3,794	4,288	Gutta percha and other guttas:		
Surinam.....	566	443	Brazil.....	22	0
Other countries.....	0	216	Other L. A. Republics <sup>3</sup> .....	0	0
Total.....	4,360	4,947	Netherlands East Indies.....	0	764
			British Malaya.....	56	583
			British West Africa <sup>4</sup> .....	64	3
			Other countries.....	0	9
			Total.....	142	1,350

<sup>1</sup> Corrected to December 15, 1947.<sup>2</sup> Less than 500.<sup>3</sup> The Latin American Republics include Costa Rica, Guatemala, Honduras, Nicaragua, Panama Republic, Canal Zone, El Salvador, Mexico, Cuba, Dominican Republic, Haiti, Argentina, Bolivia, Brazil, Chile, Colombia, Ecuador, Paraguay, Peru, Uruguay, and Venezuela.<sup>4</sup> Includes 340,000 pounds from New Zealand and 15,000 pounds from Argentina.<sup>5</sup> Imports from Argentina.<sup>6</sup> British West Indies include the Bahamas, Bermuda, Barbados, Jamaica, Trinidad and Tobago, and Windward and Leeward Islands.<sup>7</sup> Arabia Peninsula States include Kuwait, Saudi Arabia, and Arabia Peninsula States, n. e. s.<sup>8</sup> Formerly reported as French Oceania.<sup>9</sup> British West Africa includes Gold Coast, Nigeria, St. Helena and Dependencies, and Gambia and Sierra Leone.<sup>10</sup> French Africa includes Algeria, Tunisia, Cameroon, French West Africa, French Equatorial Africa, Madagascar, French Morocco, and French Somaliland.<sup>11</sup> Portuguese Africa includes Madeira and Cape Verde Islands, Mozambique, Portuguese Guinea and Angola.<sup>12</sup> Bales of 478 pounds, net, prior to August 1946; subsequently, bales of 480 pounds, net.<sup>13</sup> Other vegetable fibers include coir fiber, manuey or cantala, palmyra, piassava, palm leaf fibers, pulu, raffia, ramie or China grass, sunn, and fiber, n. s. p. f.<sup>14</sup> Includes milk or latex.

Office of Foreign Agricultural Relations.

Compiled from official records, Bureau of the Census and of the United States Tariff Commission.



## CHAPTER IX

### FARM RESOURCES, INCOME, AND EXPENSES

The statistical tables in this chapter have been arranged by groups as follows:

- Farm property, beginning with table 605.
- Population and employment, beginning with table 623.
- Farm production and distribution, beginning with table 640.
- Prices and income, beginning with table 663.
- Costs and expenses, beginning with table 679.
- Credit and loan programs, beginning with table 711.

These statistics deal with farms, farm people, and the financial aspects of farming. Many of the series are estimates developed in research activities. Other series are primarily records of operations, such as certain data from agricultural credit agencies.

Tables new this year include: Level-of-living indices, mortgaged farms, farm fire losses, farm family expenditures, per capita farm family expenditures, farm loans guaranteed by the Veterans Administration, a new crop-insurance table, and several tables on use of tractors on farms.

TABLE 605.—*Land utilization in the United States, census years 1880-1945*<sup>1</sup>

Major land uses <sup>2</sup>	1880	1890	1900	1910	1920	1925	1930	1935	1940	1945
	Mil. acres	Mil. acres	Mil. acres	Mil. acres	Mil. acres	Mil. acres	Mil. acres	Mil. acres	Mil. acres	Mil. acres
<b>LAND IN FARMS</b>										
Total land in farms.....	536	623	839	879	956	924	987	1,055	1,061	1,142
Cropland <sup>3</sup> .....	188	248	319	347	402	391	413	416	399	403
Cropland harvested.....			295	322	362	345	359	296	321	353
Crop failure, cropland idle or fallow.....			24	25	40	47	54	120	78	50
Pasture in farms.....	122	144	276	284	328	331	379	410	461	529
Plowable pasture.....			90	95	105	114	109	99	111	109
Not plowable.....			186	189	223	217	270	311	350	420
Forest and woodland in farms.....	190	190	191	191	168	144	150	185	157	166
Pastured forest and woodland.....			87	98	77	77	95	108	100	95
Not pastured.....			104	93	91	67	55	77	57	71
Farmsteads, roads, wasteland, and other land in farms.....	36	41	53	57	58	38	45	44	44	44
<b>LAND NOT IN FARMS</b>										
Total land not in farms.....	1,369	1,282	1,066	1,026	949	981	918	850	844	763
Pasture and grazing land <sup>4</sup> .....	883	818	625	600	502	495	437	411	382	292
Forest land used chiefly for producing commercial timber <sup>5</sup> .....	368	344	318	301	319	354	349	306	325	322
Other land outside farms (cities, roads, railroads, unused wasteland, etc.) <sup>6</sup> .....	118	120	123	125	128	132	132	133	137	149
Grand total land area <sup>7</sup> .....	1,905	1,905	1,905	1,905	1,905	1,905	1,905	1,905	1,905	1,905

<sup>1</sup> Compiled from census reports, publications and records of B.A.E., and public land administering and conservation agencies.

<sup>2</sup> Total farm land and total nonfarm land acreages are for the calendar year indicated. Cropland and pasture land acreage usually relate to the preceding year.

<sup>3</sup> Land used chiefly for crops, including cropland harvested, crop failure, fallow and idle cropland. To find land available for crops, add plowable pasture to cropland.

<sup>4</sup> Pasture and grazing land not in farms consists of land used chiefly for pasture and includes open or non-forested pastures, and idle grassland in first decades, and arid woodland (pinon-juniper, chaparral), and shrub and brush pasture in all years.

<sup>5</sup> Forest land outside of farms used chiefly for commercial timber excludes forested areas included in parks, wildlife refuges, military areas, and recreation sites, and arid woodland and brushland used chiefly for pasture.

<sup>6</sup> Other land outside farms includes urban, industrial, and residential areas outside farms, parks, wildlife refuges, military lands, roads, railroads, ungrazed desert, rock, swamp, and other unused and wasteland.

<sup>7</sup> Complete remeasurement of the land area of the United States in connection with the 1940 census indicated an approximate total land area of 1,905 million acres. Total areas for earlier census years, originally reported as 1,903 million acres, have been revised here.

Bureau of Agricultural Economics.

816939-49-34

TABLE 606.—*Farms: Number, acreage of land in farms, cropland harvested, and value of farm land and buildings, United States, census years 1850-1945*

Year	Farms	Land in farms	Farm land as percent of total land area	Cropland harvested, preceding year <sup>1</sup>	Value of farm land and buildings
	<i>Number</i>	<i>1,000 acres</i>	<i>Percent</i>	<i>1,000 acres</i>	<i>Million dollars</i>
1850.....	1,449,073	293,561	15.6	-----	3,272
1860.....	2,044,077	407,213	21.4	-----	6,645
1870.....	2,659,985	407,735	21.4	-----	7,444
1880.....	4,008,907	536,082	28.2	166,187	10,197
1890.....	4,554,641	623,219	32.7	219,706	13,279
1900.....	5,737,372	838,592	44.1	283,218	16,615
1910.....	6,361,502	878,795	46.2	311,295	34,801
1920.....	6,448,343	955,884	50.2	348,904	65,316
1925.....	6,371,640	924,319	48.6	344,519	49,468
1930.....	6,288,648	986,771	51.8	359,242	47,880
1935.....	6,812,350	1,054,515	55.4	295,624	32,859
1940.....	6,096,799	1,090,852	55.7	321,242	33,642
1945.....	5,859,169	1,141,615	59.9	352,866	46,389

<sup>1</sup> Prior to 1924, this column shows the total acreage of crops for which figures are available, except for 1919, when 14,502,982 acres of corn cut for forage were excluded (most of this was probably duplicated in the acreage of corn harvested as grain). Beginning with 1924, the figures represent the total cropland harvested.

Bureau of Agricultural Economics. Compiled from reports of Census of Agriculture, Bureau of the Census.

TABLE 607.—*Farm real estate: Estimated value of farm land and buildings, by geographic divisions, 1929-48<sup>1</sup>*

Year	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific	United States
	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>
1929.....	934	2,838	9,590	15,379	3,882	2,608	5,578	2,373	4,728	47,880
1930.....	941	2,818	9,337	15,159	3,852	2,685	5,806	2,458	4,824	47,880
1931.....	960	2,654	8,453	13,546	3,504	2,466	5,233	2,444	4,732	43,936
1932.....	918	2,497	7,149	11,370	2,958	2,057	4,280	2,029	3,978	37,236
1933.....	862	2,148	6,054	8,943	2,470	1,691	3,618	1,698	3,241	30,724
1934.....	878	2,124	6,361	9,298	2,650	1,787	3,886	1,728	3,221	31,933
1935.....	901	2,141	6,597	9,385	2,792	1,915	4,030	1,772	3,325	32,859
1936.....	872	2,168	6,921	9,693	2,919	1,990	4,143	1,824	3,380	33,910
1937.....	848	2,146	7,320	9,753	3,107	2,107	4,184	1,854	3,456	34,757
1938.....	807	2,128	7,368	9,546	3,164	2,228	4,296	1,820	3,390	34,747
1939.....	763	2,067	7,284	9,141	3,143	2,294	4,193	1,794	3,277	33,931
1940.....	741	2,039	7,334	8,796	3,160	2,325	4,232	1,780	3,237	33,642
1941.....	752	2,008	7,296	8,665	3,159	2,306	4,229	1,819	3,263	33,497
1942.....	773	2,036	7,927	9,066	3,251	2,417	4,479	1,940	3,441	35,331
1943.....	799	2,175	8,355	9,862	3,448	2,588	4,751	2,122	3,755	37,855
1944.....	875	2,236	9,375	11,233	3,820	2,819	5,276	2,448	4,450	42,532
1945.....	939	2,389	9,959	12,115	4,239	3,094	5,816	2,756	5,083	46,389
1946.....	1,012	2,569	11,295	13,472	4,833	3,653	6,471	3,086	5,753	52,114
1947.....	1,104	2,913	12,740	15,102	5,534	4,253	7,188	3,418	6,372	58,604
1948.....	1,151	3,047	13,535	17,042	5,687	4,411	7,977	3,712	6,249	62,811

<sup>1</sup> Rounded totals of unrounded State figures.

<sup>2</sup> Census of Agriculture reports.

Bureau of Agricultural Economics. Values in intercensal years derived from index of land values per acre and adjusted for changes of acreage of land in farms.



TABLE 608.—*Farms: Number, acreage of land in farms, and value of farm land and buildings, 1940 and 1945, and cropland harvested, 1939 and 1944, by States*

State and division	Farms		Land in farms <sup>1</sup>		Cropland harvested <sup>1</sup>		Value of farm land and buildings <sup>1</sup>	
	1940	1945	1940	1945	1939	1944	1940	1945
	Number	Number	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Million dollars	Million dollars
Maine.....	38,980	42,184	4,223	4,613	1,147	1,316	124	160
New Hampshire.....	16,554	18,786	1,809	2,017	372	436	62	80
Vermont.....	23,582	26,490	3,667	3,931	1,023	1,160	111	135
Massachusetts.....	31,897	37,007	1,938	2,078	456	581	212	265
Rhode Island.....	3,014	3,603	222	265	49	62	26	36
Connecticut.....	21,163	22,241	1,512	1,593	363	433	205	263
New England.....	135,190	150,311	13,371	14,497	3,408	3,987	741	939
New York.....	153,238	149,490	17,170	17,568	6,581	6,922	947	1,088
New Jersey.....	25,835	26,226	1,874	1,818	779	916	228	293
Pennsylvania.....	169,027	171,761	14,594	15,020	6,097	6,604	864	1,009
Middle Atlantic.....	348,100	347,477	33,639	34,406	13,457	14,441	2,039	2,389
Ohio.....	233,783	220,575	21,908	21,928	9,772	10,837	1,444	1,868
Indiana.....	184,540	175,970	19,801	20,027	9,711	10,912	1,251	1,794
Illinois.....	213,439	204,239	31,033	31,602	18,270	20,302	2,537	3,663
Michigan.....	187,589	175,268	18,038	18,392	7,863	8,521	913	1,199
Wisconsin.....	186,735	177,745	22,876	23,615	9,816	10,545	1,189	1,434
East North Central.....	1,006,095	953,797	113,655	115,564	55,431	61,117	7,334	9,959
Minnesota.....	197,351	188,952	32,607	33,140	18,807	18,559	1,443	1,834
Iowa.....	213,318	208,934	34,140	34,454	20,077	21,562	2,691	3,611
Missouri.....	256,100	242,934	34,740	35,278	12,400	12,902	1,107	1,527
North Dakota.....	73,962	69,520	37,936	41,001	15,537	20,817	490	708
South Dakota.....	72,454	68,705	39,474	45,032	12,297	16,625	505	764
Nebraska.....	121,062	111,756	47,344	47,733	17,305	19,596	1,138	1,699
Kansas.....	156,327	141,192	48,174	48,589	17,816	22,817	1,421	1,971
West North Central.....	1,090,574	1,031,993	274,423	283,248	114,239	132,778	8,796	12,115
Delaware.....	8,904	9,296	896	923	378	416	55	73
Maryland.....	42,110	41,275	4,198	4,200	1,600	1,745	274	355
District of Columbia.....	65	40	2	2	1	1	6	5
Virginia.....	174,885	173,051	16,445	16,358	3,840	3,933	675	869
West Virginia.....	99,282	97,600	8,909	8,730	1,565	1,490	270	341
North Carolina.....	278,276	287,412	18,845	18,618	6,125	6,126	737	1,003
South Carolina.....	137,558	147,745	11,239	11,022	4,322	4,149	338	441
Georgia.....	216,033	225,897	23,684	23,676	8,803	7,824	480	654
Florida.....	62,248	61,159	8,339	13,084	1,680	1,809	324	498
South Atlantic.....	1,019,451	1,043,475	92,555	96,601	28,323	27,494	3,160	4,239
Kentucky.....	252,894	238,501	20,294	19,725	5,272	5,322	776	1,016
Tennessee.....	247,617	234,431	18,493	17,789	6,159	5,844	664	871
Alabama.....	231,746	223,369	19,143	19,068	7,112	6,163	409	560
Mississippi.....	291,092	263,528	19,156	19,617	6,953	6,473	475	648
East South Central.....	1,023,349	959,829	77,086	76,198	25,495	23,802	2,325	3,094
Arkansas.....	216,674	198,769	18,045	17,456	6,610	5,995	457	663
Louisiana.....	150,007	129,295	9,996	10,040	4,052	3,490	354	472
Oklahoma.....	179,687	164,790	34,803	36,162	12,766	14,088	831	1,106
Texas.....	418,002	384,977	137,683	141,338	26,044	27,469	2,590	3,575
West South Central.....	964,370	877,831	200,527	204,995	49,472	51,043	4,232	5,816
Montana.....	41,823	37,747	46,452	58,787	5,748	7,439	350	518
Idaho.....	43,663	41,498	10,298	12,503	2,935	3,442	339	493
Wyoming.....	15,018	13,076	28,026	33,117	1,535	1,843	159	232
Colorado.....	51,436	47,618	31,527	36,218	4,770	6,035	388	565
New Mexico.....	34,105	29,695	38,940	49,608	1,573	1,957	188	327
Arizona.....	18,468	13,142	25,651	37,856	526	652	154	288
Utah.....	25,411	26,322	7,302	10,309	966	1,248	154	262
Nevada.....	3,573	3,429	3,785	6,178	436	487	48	72
Mountain.....	233,497	212,527	191,901	244,577	18,488	23,103	1,780	2,756
Washington.....	81,686	79,887	15,182	16,720	3,570	4,290	593	900
Oregon.....	61,829	63,125	17,988	19,754	2,824	3,276	477	698
California.....	132,658	138,917	30,524	35,054	6,535	7,536	2,166	3,485
Pacific.....	276,173	281,929	63,694	71,529	12,929	15,102	3,237	5,083
United States <sup>1</sup> .....	6,096,799	5,859,169	1,060,852	1,141,615	321,242	352,866	33,642	46,389

<sup>1</sup> Division and United States figures are rounded totals of unrounded State figures.

Bureau of Agricultural Economics. Compiled from reports of Census of Agriculture, Bureau of the Census.

TABLE 609.—Farm real estate: Index numbers of estimated value per acre, by States, Mar. 1, selected years, 1915-48<sup>1</sup>

[1912-14=100]

State and division	1915	1920	1925	1930	1933	1935	1940	1943	1944	1945	1946	1947	1948
Maine.....	96	142	124	124	94	94	95	99	112	119	125	134	138
New Hampshire.....	101	129	111	111	92	90	94	100	107	117	122	136	142
Vermont.....	104	150	125	123	101	101	101	110	119	129	144	166	171
Massachusetts.....	98	140	132	131	112	111	113	115	125	133	141	145	154
Rhode Island.....	102	130	128	134	118	118	120	127	139	144	159	174	183
Connecticut.....	100	137	137	140	124	123	124	134	144	150	166	186	193
New England.....	99	140	127	127	105	104	106	112	122	130	140	152	159
New York.....	100	133	111	103	82	84	86	97	101	109	120	138	142
New Jersey.....	100	130	124	125	110	111	116	136	141	151	164	185	186
Pennsylvania.....	100	140	114	107	78	82	90	104	111	123	130	143	154
Middle Atlantic.....	100	136	114	106	82	85	90	103	109	119	128	144	151
Ohio.....	107	159	110	90	59	66	77	97	111	121	140	158	166
Indiana.....	102	161	102	80	53	61	74	98	112	124	145	158	172
Illinois.....	102	160	115	91	54	61	75	91	105	112	124	141	150
Michigan.....	105	154	133	121	80	83	91	115	134	145	167	194	198
Wisconsin.....	104	171	130	117	80	82	84	92	102	110	120	135	145
East North Central.....	104	161	116	96	62	68	78	96	110	119	134	152	161
Minnesota.....	107	213	159	133	79	83	86	100	110	115	129	143	157
Iowa.....	112	213	136	113	58	67	74	87	101	107	121	134	150
Missouri.....	102	167	112	92	55	58	59	74	82	91	102	113	116
North Dakota.....	103	145	109	95	66	67	52	58	70	76	83	92	110
South Dakota.....	101	181	115	93	55	54	41	47	57	62	68	77	91
Nebraska.....	101	179	123	113	69	72	58	64	77	86	96	108	126
Kansas.....	103	151	115	113	70	73	71	84	96	111	120	140	163
West North Central.....	105	184	126	109	64	68	65	76	88	96	106	119	135
Delaware.....	100	139	112	111	80	82	89	108	111	123	137	160	163
Maryland.....	104	166	131	123	90	91	100	124	136	147	165	196	210
Virginia.....	97	189	154	134	88	97	112	131	146	171	200	224	226
West Virginia.....	101	154	120	105	74	78	85	99	105	106	121	137	149
North Carolina.....	102	223	187	158	86	111	138	161	193	224	268	310	324
South Carolina.....	94	230	138	104	57	76	89	112	136	162	172	196	208
Georgia.....	94	217	116	100	57	72	82	103	120	132	146	173	180
Florida.....	97	178	172	172	121	126	133	150	161	185	204	226	210
South Atlantic.....	98	198	148	128	80	93	107	127	145	166	189	217	223
Kentucky.....	100	200	140	127	80	87	113	147	165	189	221	264	264
Tennessee.....	100	200	137	123	79	91	108	139	160	177	213	243	258
Alabama.....	98	177	154	143	88	110	122	139	160	180	208	247	252
Mississippi.....	97	218	136	122	73	90	106	133	145	165	196	216	238
East South Central.....	99	199	141	128	79	93	112	141	159	179	212	246	256
Arkansas.....	95	222	160	141	80	88	95	123	141	167	180	214	235
Louisiana.....	95	198	141	132	89	103	121	145	154	162	175	205	202
Oklahoma.....	95	166	131	127	76	86	93	111	120	131	156	169	185
Texas.....	103	174	146	138	83	91	99	109	124	137	150	165	187
West South Central.....	100	177	144	136	82	91	99	112	125	139	154	170	190
Montana.....	100	126	75	72	48	50	55	69	80	89	102	117	129
Idaho.....	96	172	123	116	76	80	86	106	124	140	153	160	168
Wyoming.....	103	176	130	98	62	62	68	88	102	115	132	147	168
Colorado.....	93	141	92	83	54	53	61	78	93	108	125	141	157
New Mexico.....	100	144	108	110	75	76	84	101	117	132	151	168	181
Arizona.....	97	165	121	123	90	91	95	110	127	145	158	176	181
Utah.....	98	167	130	126	83	84	89	100	112	121	127	136	146
Nevada.....	102	135	102	99	65	65	70	78	87	92	100	107	114
Mountain.....	98	151	105	102	69	70	76	92	107	120	134	149	161
Washington.....	100	140	113	110	74	76	84	101	120	133	153	170	174
Oregon.....	99	130	110	107	72	74	84	99	117	130	143	152	156
California.....	111	167	164	160	109	115	121	141	168	193	219	244	234
Pacific.....	107	156	146	142	96	101	108	126	150	171	194	215	210
United States.....	103	170	127	115	73	79	84	99	114	126	142	159	170

<sup>1</sup> All farm lands and improvements.  
Bureau of Agricultural Economics.

TABLE 610.—Number of farms changing ownership by various methods, per 1,000 of all farms, by geographic divisions, 12 months ended Mar. 15, 1939-48

Method of sale and year	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific	United States
	Number per thousand	Number per thousand	Number per thousand	Number per thousand	Number per thousand	Number per thousand	Number per thousand	Number per thousand	Number per thousand	Number per thousand
<b>Voluntary sales and trades:<sup>1</sup></b>										
1939	22.3	27.6	27.4	27.8	27.0	36.5	31.4	31.6	35.9	29.7
1940	21.8	26.1	30.2	32.2	25.8	32.8	31.9	30.4	35.1	30.2
1941	24.5	30.8	35.5	37.5	28.8	33.5	36.7	33.7	38.3	34.1
1942	25.4	36.8	42.7	50.8	33.1	42.0	43.7	32.7	48.4	41.7
1943	29.5	38.0	46.7	54.8	34.1	51.4	45.2	44.0	53.5	45.8
1944	38.6	46.5	56.0	63.4	43.8	59.9	59.3	57.7	66.9	55.9
1945	33.7	45.6	50.4	55.8	43.4	57.7	52.9	52.6	60.7	51.5
1946	36.6	54.3	57.4	60.5	47.4	65.0	57.5	61.5	68.6	57.4
1947	47.6	55.8	55.5	61.7	46.6	62.4	60.7	60.7	70.3	57.7
1948	36.7	47.9	49.3	55.9	39.4	49.6	47.8	56.2	55.8	49.0
<b>Delinquent taxes:</b>										
1939	3.1	4.2	2.2	4.3	3.3	3.7	2.7	7.8	3.3	3.5
1940	3.0	3.8	2.0	4.7	2.8	2.5	3.0	7.0	3.9	3.3
1941	3.7	3.6	1.8	5.0	2.8	1.9	3.9	7.6	2.8	3.4
1942	3.7	3.0	1.8	3.9	2.2	2.9	4.3	6.4	2.7	3.1
1943	3.8	2.4	.9	3.0	1.6	1.5	2.9	5.9	2.1	2.2
1944	3.2	1.4	.9	2.4	1.7	1.1	2.5	4.1	1.3	1.8
1945	2.2	1.2	.7	1.2	1.2	.6	1.1	1.7	1.0	1.1
1946	1.5	.6	.5	.8	.7	.5	1.3	1.1	.5	.8
1947	1.7	.8	.7	.8	.6	.3	1.2	.8	.4	.7
1948	.4	.6	.3	.4	.4	.7	.8	.7	.4	.5
<b>Foreclosure of mortgages, bankruptcy, etc.:</b>										
1939	9.6	9.3	11.3	23.1	10.1	9.1	12.8	16.4	14.2	13.5
1940	9.7	9.4	11.1	22.0	9.2	8.6	11.0	13.3	13.4	12.6
1941	8.3	10.3	9.5	16.8	8.7	8.6	7.1	12.4	11.1	10.5
1942	6.9	5.5	5.6	10.1	5.1	4.4	4.0	8.1	6.5	6.2
1943	6.0	4.3	4.1	7.4	2.9	3.1	2.9	4.8	4.9	4.4
1944	3.3	2.0	3.5	5.0	2.2	2.4	1.8	3.0	3.5	3.1
1945	2.0	1.6	1.9	2.9	1.5	1.7	1.5	1.7	1.8	1.9
1946	1.5	1.6	1.4	1.4	1.2	1.6	1.8	1.7	1.2	1.5
1947	1.9	1.3	1.0	1.1	.9	1.4	1.1	1.4	.7	1.1
1948	1.7	.9	.9	.7	1.1	1.1	1.0	.9	1.0	1.0
<b>Inheritance and gift:</b>										
1939	8.5	6.9	7.1	8.1	10.1	8.0	6.1	4.4	4.9	7.6
1940	8.2	7.0	6.9	7.1	10.2	6.1	5.8	4.5	4.9	7.2
1941	8.1	7.0	5.7	5.6	8.6	5.4	5.4	4.6	4.5	6.1
1942	7.5	6.4	5.2	4.4	7.9	5.5	5.9	4.0	4.2	5.7
1943	7.3	5.9	4.9	4.7	7.1	4.8	4.7	3.7	4.7	5.3
1944	7.4	5.7	5.2	4.1	7.1	4.6	5.4	3.9	3.9	5.2
1945	6.7	5.2	4.5	4.7	6.0	4.8	4.8	3.3	4.5	4.9
1946	5.8	5.1	4.1	4.2	5.7	4.1	4.5	3.5	4.3	4.5
1947	5.4	4.1	4.5	4.8	6.2	5.0	4.1	4.8	4.4	4.9
1948	6.3	3.6	4.8	4.3	6.0	5.0	5.0	4.2	3.8	4.8
<b>Administrators' and executors' sales:<sup>2</sup></b>										
1939	5.7	8.3	10.3	8.6	8.3	8.9	5.0	5.0	5.7	8.0
1940	5.8	8.7	10.6	8.5	8.9	8.6	5.5	5.1	5.4	8.2
1941	5.7	7.6	11.5	8.6	8.6	8.4	5.0	5.4	4.8	8.1
1942	5.9	9.0	10.2	8.7	8.7	7.7	5.2	5.7	5.7	8.0
1943	5.1	7.9	11.0	9.5	7.8	8.0	5.3	5.5	5.3	8.1
1944	5.7	9.8	12.2	10.9	9.0	8.0	6.3	6.4	5.9	9.2
1945	6.4	9.7	10.7	10.7	9.7	6.9	6.8	6.9	7.7	9.0
1946	7.5	10.1	11.3	11.1	8.7	6.5	8.0	6.9	7.9	9.2
1947	8.6	10.3	11.7	12.7	8.9	8.4	7.8	7.6	6.8	9.9
1948	7.1	7.8	11.1	11.7	10.3	6.0	8.7	7.1	4.5	9.2
<b>Total, all classes:<sup>3</sup></b>										
1939	50.8	57.9	59.4	73.3	60.1	67.8	60.0	66.8	66.3	63.8
1940	49.9	55.2	61.9	76.1	58.1	60.5	59.0	62.0	65.0	63.0
1941	51.5	60.6	65.4	75.0	59.0	59.1	59.9	65.1	63.4	63.7
1942	50.9	62.0	66.7	79.3	58.0	63.9	65.2	58.7	69.7	66.1
1943	53.2	59.7	68.5	81.1	54.4	70.1	61.7	65.5	72.3	67.0
1944	59.8	66.3	78.5	86.5	64.7	76.8	76.5	76.5	82.8	76.1
1945	52.1	64.7	69.8	76.4	62.8	72.8	68.9	67.7	77.4	69.7
1946	54.1	73.8	76.4	79.5	65.2	78.9	71.7	76.8	85.1	75.0
1947	66.4	73.7	74.9	82.6	64.5	79.0	77.3	77.8	83.1	75.9
1948	53.6	62.5	67.7	73.9	59.3	63.4	64.5	70.8	67.4	65.9

<sup>1</sup> Including contracts to purchase, but not options.<sup>2</sup> Includes all other sales in settlement of estates.<sup>3</sup> Including miscellaneous and unclassified.

Bureau of Agricultural Economics.

TABLE 611.—Value of selected items of farm property, United States, Jan. 1, 1929-48

Year	Land and buildings	Machinery and equipment for production <sup>1</sup>	Crops held for sale	Livestock <sup>2</sup>	Total
	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars
1929.....	47,880	2,731	1,224	6,633	58,468
1930.....	47,880	2,850	1,093	6,555	58,378
1931.....	43,993	2,759	734	4,889	52,375
1932.....	37,236	2,496	578	3,573	43,883
1933.....	30,724	2,079	475	3,000	36,278
1934.....	31,933	1,810	686	3,189	37,618
1935.....	32,859	1,792	888	3,499	38,738
1936.....	33,910	1,907	660	5,215	41,692
1937.....	34,757	2,128	728	5,065	42,708
1938.....	34,747	2,469	795	5,064	43,075
1939.....	33,931	2,627	655	5,125	42,338
1940.....	33,642	2,627	712	5,133	42,114
1941.....	33,497	2,758	768	5,326	42,349
1942.....	35,331	3,237	1,120	7,073	46,761
1943.....	37,855	4,144	1,681	9,643	53,323
1944.....	42,532	4,921	1,995	9,684	59,082
1945.....	46,389	5,771	2,323	9,001	63,484
1946.....	52,114	6,813	2,303	9,775	70,005
1947.....	58,604	6,328	2,607	11,978	79,517
1948 <sup>3</sup> .....	62,813	8,338	3,141	13,451	87,743

<sup>1</sup> Tractors, trucks, a portion of automobiles charged to farm production, other machinery, harness, and saddlery.

<sup>2</sup> All cattle, hogs, all sheep, horses, mules, chickens, and turkeys.

<sup>3</sup> Preliminary.

Bureau of Agricultural Economics.

TABLE 612.—Livestock: Numbers and farm value, United States, Jan. 1, average 1937-46, annual 1947 and 1948

Class of livestock	Number			Farm value					
				Per head			Total		
	Average 1937-46	1947	1948 <sup>1</sup>	Average 1937-46	1947	1948 <sup>1</sup>	Average 1937-46	1947	1948 <sup>1</sup>
	Thou- sands	Thou- sands	Thou- sands	Dollars	Dollars	Dollars	1,000 dollars	1,000 dollars	1,000 dollars
Cattle.....	74,801	81,207	78,564	52.90	97.40	116.00	4,060,263	7,907,198	9,150,013
Milk cows.....	25,973	26,098	25,165	77.00	145.00	164.00	2,026,244	3,787,080	4,126,161
Hogs.....	59,200	56,921	55,038	15.10	36.00	42.80	926,746	2,049,066	2,355,609
All sheep.....	51,039	37,818	35,332	.....	.....	.....	387,236	477,296	542,321
Stock sheep.....	44,641	32,125	30,544	7.60	12.20	15.00	337,742	393,440	457,510
Horses.....	9,904	7,249	6,607	76.50	59.20	55.50	767,801	428,798	366,480
Mules.....	3,789	2,772	2,544	124.00	141.00	133.00	467,781	389,776	337,901
Total <sup>2</sup> .....	.....	.....	.....	.....	.....	.....	6,618,827	11,252,134	12,752,324
Chickens.....	474,114	474,441	462,976	.89	1.44	1.44	435,178	682,486	667,597
Turkeys.....	7,192	6,650	4,507	3.59	6.47	6.88	26,204	43,016	30,989
Total <sup>3</sup> .....	.....	.....	.....	.....	.....	.....	7,080,209	11,977,636	13,450,910

<sup>1</sup> Preliminary.

<sup>2</sup> Includes horses, mules, cattle, all sheep, and hogs.

<sup>3</sup> Includes horses, mules, cattle, all sheep, hogs, chickens, and turkeys.

Bureau of Agricultural Economics.

TABLE 613.—*Tractors, motortrucks, and automobiles on farms, and annual purchases of tractors by farmers, 1929-48*

Year	On farms, Jan. 1			Tractors purchased	Year	On farms, Jan. 1			Tractors purchased
	Tractors	Motor-trucks	Auto-mobiles			Tractors	Motor-trucks	Auto-mobiles	
	Thousands	Thousands	Thousands			Thousands	Thousands	Thousands	
1929.....	827	840	3,970	137	1939.....	1,447	1,020	4,030	161
1930.....	920	900	4,135	116	1940.....	1,545	1,047	4,144	219
1931.....	997	920	4,077	58	1941.....	1,675	1,065	4,330	297
1932.....	1,022	910	3,798	26	1942.....	1,885	1,160	4,670	218
1933.....	1,019	865	3,390	25	1943.....	2,100	1,280	4,350	85
1934.....	1,016	875	3,399	65	1944.....	2,215	1,385	4,155	215
1935.....	1,048	890	3,642	122	1945.....	2,422	1,490	4,152	200
1936.....	1,125	923	3,735	165	1946.....	2,585	1,550	4,150	257
1937.....	1,231	990	3,962	221	1947.....	2,800	1,730	4,520	417
1938.....	1,368	1,042	4,109	151	1948 <sup>1</sup> .....	3,150	1,920	4,930	-----

<sup>1</sup> Preliminary.

Bureau of Agricultural Economics.

TABLE 614.—*Farm and garden tractors manufactured and shipped for use in the United States, 1929-47*

Year	Manufactured					Sold for use in United States				
	Wheel type <sup>1</sup>		Track type	All farm tractors	Garden <sup>2</sup>	Wheel type		Track type	All farm tractors	Garden <sup>2</sup>
	Con-ventional	All-purpose				Con-ventional	All-purpose			
	Number	Number	Number	Number	Number	Number	Number	Number	Number	Number
1929.....	195,980	-----	27,101	223,081	5,895	136,310	-----	19,000	155,310	4,732
1930.....	176,075	-----	20,222	196,297	6,161	113,160	-----	15,105	128,265	4,484
1931.....	36,109	25,831	7,059	69,029	2,675	<sup>3</sup> 50,629	<sup>3</sup> 30,266	<sup>3</sup> 10,064	<sup>3</sup> 90,959	<sup>3</sup> 2,673
1932-34 <sup>4</sup> .....	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
1935.....	31,741	106,343	18,774	156,858	4,273	23,960	94,701	14,181	132,848	4,202
1936.....	39,068	154,879	27,290	221,246	5,939	25,004	133,440	20,792	179,236	5,737
1937.....	53,582	183,955	34,602	272,439	10,716	32,513	183,656	21,449	237,618	9,752
1938.....	41,377	131,060	16,837	189,274	9,949	14,751	129,952	11,251	154,954	8,970
1939.....	26,973	158,585	20,127	208,685	9,777	10,291	147,206	13,011	170,508	8,952
1940.....	25,163	224,271	24,762	274,196	9,350	9,832	205,869	16,177	231,878	8,816
1941 <sup>5</sup> .....	32,724	280,708	28,661	342,093	16,427	17,600	269,258	20,642	307,800	16,118
1942 <sup>5</sup> .....	21,135	150,988	29,578	201,701	13,373	12,430	149,238	23,265	184,933	12,473
1943 <sup>5</sup> .....	16,570	88,678	29,453	134,701	8,788	8,206	74,370	28,533	111,109	9,124
1944 <sup>5</sup> .....	43,228	205,903	44,860	333,061	16,909	10,336	184,144	4,357	198,857	14,516
1945 <sup>5</sup> .....	46,670	197,760	44,872	289,302	27,966	12,616	158,616	7,977	179,209	25,491
1946 <sup>5</sup> .....	37,393	220,881	25,902	284,176	115,237	10,592	185,451	7,156	203,199	106,911
1947.....	58,558	362,844	37,202	453,604	168,687	19,207	316,159	9,098	344,464	147,769

<sup>1</sup> Percent of all farm wheel tractors with rubber tires: 1935, 14 percent; 1936, 35 percent; 1937, 46 percent; 1938, 65 percent; 1939, 83 percent; 1940, 93 percent; 1941, 95 percent; 1942, 57 percent; 1943, 37 percent.<sup>2</sup> Figures for year 1929 include motor cultivators, not reported in 1930 and thereafter; motor tillers included in 1941 and thereafter.<sup>3</sup> Export and domestic sales combined.<sup>4</sup> Census was not taken.<sup>5</sup> For agricultural, industrial, and military uses.

Bureau of Plant Industry, Soils, and Agricultural Engineering. Compiled from reports of the U. S. Department of Commerce.

TABLE 615.—Selected farm machinery: Units manufactured in the United States, 1929-47

Year	Tractor mold-board plows	Corn binders	Corn pickers (field)	Silage cutters	Grain binders	Grain threshers	Combines (harvester-threshers) <sup>1</sup>	Manure spreaders	Tractor cultivators <sup>2</sup>
	Number	Number	Number	Number	Number	Number	Number	Number	Number
1929.....	122,897	13,246	8,630	8,065	65,069	13,558	36,957	61,000	34,634
1930.....	107,671	13,566	12,352	6,749	<sup>3</sup> 46,166	8,635	24,409	47,722	56,250
1931.....	26,827	<sup>(4)</sup>	3,243	3,156	<sup>3</sup> 15,356	3,954	5,907	19,707	15,631
1932-34 <sup>5</sup>									
1935.....	57,862	19,290	1,845	7,294	<sup>2</sup> 47,680	<sup>6</sup> 4,619	3,872	31,462	54,519
1936.....	116,213	19,364	4,052	12,850	<sup>3</sup> 66,970	8,622	16,983	53,361	115,957
1937.....	149,006	16,694	13,586	10,197	<sup>3</sup> 32,295	4,996	29,403	60,057	127,188
1938.....	117,960	12,765	16,722	11,743	<sup>2</sup> 47,619	8,649	48,046	27,344	90,760
1939.....	98,472	5,535	16,014	9,125	<sup>1</sup> 15,242	2,781	41,537	33,363	65,547
1940.....	171,896	9,990	11,638	8,507	<sup>(8)</sup>	2,054	46,552	<sup>9</sup> 46,075	104,345
1941.....	183,497	13,175	15,958	11,403	<sup>(8)</sup>	2,459	54,296	<sup>9</sup> 69,618	145,491
1942.....	<sup>10</sup> 132,131	<sup>(11)</sup>	13,640	8,332	<sup>7</sup> 5,171	2,146	41,722	<sup>9</sup> 56,881	141,704
1943.....	55,182	3,077	12,592	4,163	<sup>9</sup> 3,782	668	29,219	<sup>9</sup> 17,448	83,802
1944.....	121,689	9,709	25,371	8,757	<sup>11</sup> 11,317	1,858	<sup>12</sup> 44,704	<sup>9</sup> 49,522	181,554
1945.....	158,159	8,699	35,885	9,005	9,054	1,185	<sup>12</sup> 51,418	<sup>9</sup> 44,967	191,330
1946.....	162,113	7,218	34,554	9,294	<sup>(8)</sup>	2,583	<sup>12</sup> 48,811	<sup>9</sup> 44,143	151,489
1947.....	244,015	<sup>(11)</sup>	66,055	13,222	9,523	1,277	<sup>12</sup> 70,638	<sup>9</sup> 64,927	241,369

Year	One-way disk plows or tillers	Loose hay loaders	Pick-up hay balers	Peanut pickers	Power grinders and crushers	Milking machines	Power sprayers and dusters	Field cultivators	Sweep rakes
	Number	Number	Number	Number	Number	Number	Number	Number	Number
1935.....	6,990	8,813	-----	653	25,960	4,217	8,180	4,819	5,244
1936.....	9,651	22,742	-----	994	22,754	9,841	9,655	5,755	8,506
1937.....	15,027	27,256	-----	960	28,928	21,502	9,680	11,774	7,094
1938.....	13,245	17,481	-----	656	32,244	18,787	7,920	11,488	7,598
1939.....	9,408	15,350	-----	627	49,099	22,708	9,904	6,004	4,783
1940.....	14,148	20,226	-----	885	64,831	44,374	6,845	8,138	6,497
1941.....	17,074	26,930	-----	922	67,415	<sup>15</sup> 55,711	9,915	13,115	9,397
1942.....	11,274	19,426	-----	2,899	53,876	<sup>15</sup> 37,287	10,363	11,313	9,812
1943.....	5,363	11,508	-----	1,340	30,733	<sup>15</sup> 46,892	7,475	3,718	6,549
1944.....	12,945	21,065	-----	841	61,560	<sup>14</sup> 78,421	13,875	17,618	14,599
1945.....	13,122	20,501	-----	1,095	65,067	<sup>14</sup> 125,413	10,928	21,214	17,699
1946.....	16,731	23,053	-----	1,849	110,059	<sup>14</sup> 149,127	27,567	22,323	40,045
1947.....	25,670	20,083	-----	1,931	97,735	<sup>14</sup> 88,765	48,988	38,628	21,306

<sup>1</sup> Includes in 1937, 16,596 6-foot and under; in 1938, 28,216 6-foot and under; in 1939, 30,516 6-foot and under; in 1940, 41,450 6-foot and under; in 1941, 44,001 6-foot and under; in 1942, 36,701 6-foot and under; in 1943, 25,362 6-foot and under; in 1944, 33,169 6-foot and under; in 1945, 39,257 6-foot and under; in 1946 38,127 6-foot and under; in 1947 58,965 6-foot and under.

<sup>2</sup> Row cultivators tractor-drawn or mounted; beet or field cultivators not included.

<sup>3</sup> Including rice binders: 1935, 540; 1936, 951; 1937, 1,036; 1943, 466; 1944, 500.

<sup>4</sup> No data reported.

<sup>5</sup> Census was not taken.

<sup>6</sup> Including rice and alfalfa threshers in 1935 and thereafter.

<sup>7</sup> Not including rice binders.

<sup>8</sup> Figures omitted to avoid disclosure of operations of individual establishments.

<sup>9</sup> Includes in 1940, 6,140 two-wheel spreaders; in 1941, 21,032; in 1942, 17,087; in 1943, 5,729; in 1944, 12,834; in 1945, 19,982; in 1946, 26,466; in 1947, 42,516.

<sup>10</sup> Includes 37,457 tractor-mounted plows.

<sup>11</sup> Figures combined with other harvesting machinery.

<sup>12</sup> Includes 1,100 self-propelled combines in 1944, 3,287 in 1945, 3,110 in 1946, and 5,506 in 1947, not called for by the Census prior to 1944.

<sup>13</sup> Exclusively vacuum-pump units.

<sup>14</sup> Vacuum-pump units for stationary and portable milking machines.

Bureau of Plant Industry, Soils, and Agricultural Engineering. Compiled from reports of the U. S. Department of Commerce.

TABLE 616.—Farm equipment, attachments and parts manufactured and shipped: Value by classes, (f. o. b. factory), United States, 1929-47

Year	Total manufacturers' shipments <sup>1</sup>	Total shipped for export	Shipments for use in United States							
			Total	Plows and listers	Harrows, rollers, pulverizers, and stalk cutters	Planting and fertilizing machinery	Cultivators and weedeers	Harvesting machinery	Haying machinery	Machines for preparing crops for market or use
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1929	492,992	104,801	412,214	30,450	13,400	24,811	20,536	53,655	17,311	24,825
1930	417,926	93,159	346,653	28,483	11,538	21,040	18,729	42,030	14,060	18,862
1931 <sup>2</sup>	208,575	223,427	13,778	6,362	10,886	10,726	25,289	7,738		13,760
1932-34 <sup>3</sup>										
1935	277,080	22,292	272,254	17,127	8,221	14,693	11,396	25,461	14,708	14,630
1936	375,128	34,052	368,823	22,523	11,598	20,692	16,731	29,605	15,928	19,088
1937	485,130	58,985	458,490	28,760	14,507	25,482	20,256	50,537	17,028	21,179
1938	404,047	69,174	366,633	22,356	11,707	16,641	15,559	56,523	14,739	18,936
1939	386,549	62,702	358,093	19,123	11,604	14,951	12,586	38,085	15,102	18,763
1940	462,415	68,365	420,458	24,740	14,337	19,108	15,323	40,028	19,783	21,212
1941	638,605	74,908	596,490	31,046	19,772	27,622	21,302	59,361	33,725	23,386
1942	622,528	57,693	601,335	32,334	19,453	29,749	22,971	53,777	34,229	21,126
1943	602,290	42,059	301,582	22,247	10,305	15,664	15,552	45,637	24,383	13,922
1944	1,026,207	68,070	549,311	32,012	21,526	33,433	29,603	74,588	42,579	20,259
1945	996,557	87,582	612,595	35,373	21,376	41,655	31,711	92,270	46,459	23,731
1946	983,515	87,247	763,230	45,815	34,965	52,089	32,425	105,942	56,351	33,542
1947	1,460,280	155,607	1,109,308	70,864	50,235	68,329	46,607	174,242	86,519	35,537

Year	Shipments for use in United States								
	Tractor and tractor engines	Internal-combustion engines	Farm wagons and trucks	Sprayers and dusters	Elevators and blowers	Hand tools	Dairy equipment	Poultry equipment	Barn and barnyard equipment
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1929	155,406	7,565	8,194	4,425	2,080	13,297	10,275	13,467	10,020
1930	133,055	4,774	4,515	4,490	1,223	10,447	7,124	13,280	8,381
1931 <sup>2</sup>	98,129	3,195	1,897	3,425	435	8,412	5,324	5,969	4,982
1932-34 <sup>3</sup>									
1935	123,433	9,942	5,778	2,588	699	6,990	6,054	6,792	2,741
1936	171,851	14,034	7,755	3,776	248	12,762	5,927	10,899	2,884
1937	214,192	17,838	8,288	4,788	1,573	13,703	9,262	7,810	3,822
1938	151,395	13,975	4,307	2,594	1,420	10,772	8,805	6,418	5,243
1939	158,373	16,656	5,282	3,909	1,694	11,112	9,514	11,229	3,973
1940	202,650	16,191	6,728	3,743	2,056	11,484	12,310	8,424	7,361
1941	289,820	<sup>4</sup> 37,147	8,565	7,430	2,680	14,469	19,636	12,152	8,517
1942	290,088	53,507	6,513	8,043	2,650	18,460	24,649	11,731	8,517
1943	85,512	<sup>4</sup> 114,784	6,608	8,016	3,477	17,934	23,623	17,747	8,887
1944	198,412	<sup>4</sup> 145,391	10,675	12,128	4,572	20,896	34,272	21,098	14,153
1945	200,166	<sup>(1)</sup>	15,433	13,696	6,120	23,239	44,828	24,611	15,165
1946	259,932	<sup>(2)</sup>	27,708	23,983	10,541	22,262	38,487	23,172	18,279
1947	430,253	<sup>(3)</sup>	35,125	31,983	14,253	<sup>(4)</sup>	28,508	18,975	20,076

<sup>1</sup> This column has been revised to exclude data for engines, domestic water systems, farm pumps and windmills, lawn mowers, electric lighting plants, wheelbarrows, irrigation equipment, horse and mule shoes, calks and nails, harness and saddlery hardware, stock tanks, barnyard track and hangers, farm gates, sawing machines, shovels, spades, post-hole diggers, etc. Includes tractors for farm and nonfarm use.

<sup>2</sup> All figures for 1931 include exports and domestic sales combined.

<sup>3</sup> Census not taken.

<sup>4</sup> For agricultural, industrial, and military use.

<sup>5</sup> 1941 and later figures for internal combustion engines are not comparable with previous years since some manufacturers reported only engines for agricultural purposes prior to 1941.

Bureau of Plant Industry, Soils, and Agricultural Engineering. Compiled from reports of the U. S. Department of Commerce.



TABLE 617.—Tractor power: Extent of use of tractor power for breaking land, disking and harrowing land for all crops, and extent of use of manure spreaders, by States and State groups, 1939 and 1946

State and group	Percentage of land breaking done with tractor machines <sup>1</sup>		Percentage of disking done with tractor disks		Percentage of harrowing done with tractor harrows		Percentage of manure, straw, and compost hauled from barn lots, feed lots, etc., that was spread with manure spreaders	
	1939	1946	1939	1946	1939	1946	1939	1946
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
Maine.....	33	60	45	67	38	63	52	66
New Hampshire.....	47	65	55	75	46	69	59	75
Vermont.....	26	56	42	61	31	60	54	65
Massachusetts.....	51	74	60	80	48	73	59	72
Rhode Island.....	60	75	65	80	49	69	66	69
Connecticut.....	50	85	57	85	42	70	70	71
New York.....	52	83	65	88	56	84	46	58
New Jersey.....	71	91	82	93	60	85	54	73
Pennsylvania.....	42	78	57	85	43	77	69	79
Delaware.....	53	72	58	75	33	56	61	73
Maryland.....	38	79	56	85	32	67	65	78
Northeast.....	46	79	60	85	46	77	57	69
Ohio.....	56	87	64	90	47	83	77	89
Indiana.....	67	92	71	93	53	87	71	82
Illinois.....	79	96	79	96	60	92	71	79
Iowa.....	80	98	73	97	62	93	89	96
Missouri.....	43	75	47	77	26	62	37	52
Corn Belt.....	69	92	69	92	52	86	73	82
Michigan.....	48	89	53	90	45	86	76	91
Wisconsin.....	54	86	54	86	35	75	76	84
Minnesota.....	71	95	64	94	48	88	78	87
Lake States.....	62	92	59	91	44	85	77	87
North Dakota.....	78	98	72	98	53	93	55	86
South Dakota.....	80	95	75	94	64	92	72	78
Nebraska.....	73	94	70	93	59	89	74	80
Kansas.....	85	98	83	98	77	96	63	68
Great Plains.....	80	96	76	96	65	93	68	73
West Virginia.....	8	24	14	27	7	18	16	18
Kentucky.....	15	43	25	52	10	31	17	25
Tennessee.....	12	43	23	55	8	33	12	27
Appalachian.....	13	41	23	51	9	31	15	21
Virginia.....	14	40	30	58	14	37	30	35
North Carolina.....	14	41	28	55	9	28	7	10
South Carolina.....	14	42	24	56	10	30	3	5
Georgia.....	7	37	16	52	7	33	3	5
Florida.....	19	45	35	63	15	40	4	6
Alabama.....	11	32	22	46	8	24	4	6
Southeast.....	12	38	23	53	9	31	11	14
Mississippi.....	10	30	20	45	7	24	3	5
Louisiana.....	15	44	21	54	11	35	5	7
Arkansas.....	9	34	15	47	9	31	6	10
Delta.....	11	35	19	48	9	29	5	7
Oklahoma.....	54	81	55	83	48	79	14	20
Texas.....	46	83	48	87	37	79	7	10
Oklahoma-Texas.....	49	82	50	86	41	79	9	13

See footnotes at end of table.

TABLE 617.—*Tractor power: Extent of use of tractor power for breaking land, disking and harrowing land for all crops, and extent of use of manure spreaders, by States and State groups, 1939 and 1946—Continued*

State and group	Percentage of land breaking done with tractor machines <sup>1</sup>		Percentage of disking done with tractor disks		Percentage of harrowing done with tractor harrows		Percentage of manure, straw, and compost hauled from barn lots, feed lots, etc., that was spread with manure spreaders	
	1939	1946	1939	1946	1939	1946	1939	1946
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
Montana.....	79	96	73	94	62	90	42	54
Idaho.....	49	84	43	79	26	63	55	71
Wyoming.....	65	90	54	89	37	79	41	66
Colorado.....	68	90	65	89	47	81	61	74
New Mexico.....	56	91	50	87	37	77	19	40
Arizona.....	84	92	82	90	64	83	21	33
Utah.....	49	80	39	65	28	51	52	60
Nevada.....	62	75	55	80	36	63	52	60
Mountain.....	67	91	62	88	47	80	51	65
Washington.....	62	90	67	91	50	86	52	73
Oregon.....	65	92	66	91	49	87	47	67
California.....	88	98	90	98	76	97	42	65
Pacific.....	76	94	79	95	64	92	46	68
United States.....	55	82	57	85	43	77	58	66

<sup>1</sup> Includes plowing with moldboard and disk plows, listing, middle-busting, and bedding.

<sup>2</sup> Crop correspondents in these States supplied no information for this item in 1946. The figures given assume a percentage increase in use of spreaders in these States about the same as the average in States where information was reported.

Bureau of Agricultural Economics.

TABLE 618.—*Tractor power: Small-grain crops seeded with tractor-drawn drills, and acreage harvested with tractor machines, animal-drawn machines, and by hand methods, by State groups, 1939 and 1946*

State group	Percentage of drilling of seed with tractor		Percentage of acreage harvested with—					
			Tractor machines		Animal-drawn machines		Hand methods (cradles, etc.)	
	1939	1946	1939	1946	1939	1946	1939	1946
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
Northeast.....	10	45	44	79	55	21	1	—
Central Belt.....	30	70	71	91	29	9	—	—
Lake States.....	23	64	55	87	44	13	—	—
Great Plains.....	67	92	78	97	22	3	—	—
Appalachian.....	4	25	29	53	59	44	12	3
Southeast.....	7	36	32	62	46	34	22	4
Delta States.....	23	58	35	54	61	45	4	1
Oklahoma-Texas.....	71	89	80	90	19	10	1	—
Mountain.....	56	81	63	89	36	11	1	—
Pacific.....	69	89	80	91	20	9	—	—
United States.....	49	79	69	90	30	10	1	(1)

<sup>1</sup> Less than 0.5 of 1 percent.

Bureau of Agricultural Economics.

TABLE 619.—Corn for grain: Harvest method, by States and State groups, 1938, 1943, and 1946

State and group	Percentage of acreage of corn for grain that was—						
	Harvested with mechanical corn picker			Husked or snapped by hand from standing stalk or from shock		Husked with husker shredder	
	1938 <sup>1</sup>	1943 <sup>2</sup>	1946	1943 <sup>2</sup>	1946	1943 <sup>2</sup>	1946
	Percent	Percent	Percent	Percent	Percent	Percent	Percent
New England.....		3.0	13.0	97.0	86.0		1.0
New York.....	1.0	12.6	25.0	69.6	58.0	17.8	17.0
New Jersey.....	2.0	12.3	20.0	86.8	79.0	.9	1.0
Pennsylvania.....	3.0	10.4	29.0	82.7	64.0	6.9	7.0
Delaware.....	( <sup>3</sup> )	4.3	22.0	94.7	76.0	1.0	2.0
Maryland.....	( <sup>3</sup> )	5.1	20.0	91.2	77.0	3.7	3.0
Northeast.....	2.0	9.0	25.5	84.9	68.4	6.1	6.1
Ohio.....	12.0	34.5	55.0	46.0	30.0	19.5	15.0
Indiana.....	22.0	53.8	65.0	40.3	30.0	5.9	5.0
Illinois.....	43.0	64.7	75.0	33.7	24.0	1.6	1.0
Iowa.....	35.0	62.6	76.0	36.1	23.0	1.3	1.0
Missouri.....	2.0	7.0	18.0	91.3	81.0	1.7	1.0
Corn Belt.....	28.0	51.1	64.0	44.9	32.9	4.0	3.1
Michigan.....	5.0	22.4	37.0	45.4	36.0	32.2	27.0
Wisconsin.....	5.0	20.6	37.0	37.5	28.0	41.9	35.0
Minnesota.....	35.0	65.4	76.0	28.1	18.0	6.5	6.0
Lake States.....	22.0	49.3	61.4	32.9	23.3	17.8	15.3
North Dakota.....	5.0	60.8	72.0	36.8	25.0	2.4	3.0
South Dakota.....	18.0	43.6	72.0	55.8	27.5	.6	.5
Nebraska.....	4.0	21.3	45.0	78.6	54.5	.1	.5
Kansas.....	1.0	11.8	24.0	87.7	75.7	.5	.3
Great Plains.....	6.0	24.7	49.0	74.9	50.5	0.4	0.5
West Virginia.....	( <sup>3</sup> )	.4	2.0	98.3	96.0	1.3	2.0
Kentucky.....	2.0	1.5	8.0	94.3	88.5	4.2	3.5
Tennessee.....		1.0	3.0	97.8	96.0	1.2	1.0
Appalachian.....	1.0	1.2	5.3	96.2	92.4	2.6	2.3
Virginia.....	( <sup>3</sup> )	1.0	10.0	95.3	87.0	3.7	3.0
North Carolina.....	( <sup>3</sup> )	.6	4.0	96.8	94.0	2.6	2.0
South Carolina.....	( <sup>3</sup> )	.1	2.0	99.9	98.0		
Georgia.....	( <sup>3</sup> )	.1	1.0	99.9	99.0		
Florida.....			2.0	100.0	98.0		
Alabama.....		.1	1.0	99.9	99.0		
Southeast.....		0.3	2.6	98.9	96.7	0.8	0.7
Mississippi.....	( <sup>3</sup> )	.1	1.0	99.9	99.0		
Louisiana.....	( <sup>3</sup> )	.1	1.0	99.9	99.0		
Arkansas.....		.3	1.0	99.7	99.0		
Delta.....		0.2	1.0	99.8	99.0		
Oklahoma.....		2.7	6.0	97.2	94.0	0.1	
Texas.....		.7	6.0	99.3	94.0		
Oklahoma-Texas.....		1.3	6.0	98.7	94.0		
Colorado.....	4.0	11.9	28.0	87.4	71.0	0.7	1.0
Other Mountain States.....	0.5	6.7	12.0	93.3	87.0		1.0
Pacific.....		12.7	30.0	87.3	70.0	10.4	
United States.....	12.0	27.1	41.1	69.6	55.9	3.3	3.0

<sup>1</sup> From data published in the July 1939 Farm Labor report, B.A.E.<sup>2</sup> For more detailed information concerning corn harvest methods in 1943, see B.A.E. Report FM-49 on Harvesting the Corn Crop.<sup>3</sup> Less than 0.5 of 1 percent.

Bureau of Agricultural Economics.

TABLE 620.—*Tractor power: Corn acreage planted by tractor planters and other methods, and use of tractors for cultivating corn, by State groups, 1939 and 1946*

State group	Percentage of acreage planted with—						Percentage cultivating corn with tractor cultivators	
	Tractor planters		Animal-drawn planters		Hand methods		1939	1946
	1939	1946	1939	1946	1939	1946		
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
Northeast.....	6	34	84	59	10	7	15	54
Corn Belt.....	9	44	90	56	1	—	47	82
Lake States.....	6	34	85	63	9	3	32	79
Great Plains.....	41	70	59	30	—	—	51	87
Appalachian.....	1	5	82	83	17	—	5	17
Southeast.....	2	13	87	81	11	6	3	10
Delta States.....	4	12	84	83	12	5	5	16
Oklahoma-Texas.....	23	60	73	38	4	2	22	65
Mountain.....	44	70	51	26	5	4	41	76
Pacific.....	21	68	48	19	31	13	26	75
United States.....	13	41	81	56	6	3	30	64

Bureau of Agricultural Economics.

TABLE 621.—*Tractor power: Extent of use of tractor power for planting and cultivating 1939 and 1946 cotton crops, and percentage of 1946 crop harvested by specified methods, by State groups*

State group <sup>1</sup>	Percentage of planting done with tractor		Percentage of cultivating done with tractor		Proportion of 1946 cotton crop harvested by—		
	1939	1946	1939	1946	Hand picking	Hand snapping	Machine methods <sup>2</sup>
	Percent	Percent	Percent	Percent	Percent	Percent	Percent
Southeast.....	2	13	2	11	99.4	0.6	( <sup>3</sup> )
Mid-South.....	4	16	6	18	90.9	9.1	( <sup>3</sup> )
Oklahoma-Texas.....	42	78	40	82	49.3	48.7	2.0
Mountain and Pacific.....	64	81	69	87	87.6	11.9	0.5
Total or average.....	21	43	21	45	83.9	15.7	.4

<sup>1</sup> Southeast includes Virginia, North Carolina, South Carolina, Georgia, Florida, and Alabama. Mid-South includes Mississippi, Louisiana, Arkansas, Tennessee, and Missouri. Mountain and Pacific includes New Mexico, Arizona, and California.

<sup>2</sup> Includes machine picking and machine stripping.

<sup>3</sup> Less than 0.05 of 1 percent.

Bureau of Agricultural Economics.

TABLE 622.—Demand deposits and time deposits of country banks in selected groups of States, index numbers, 1924-47<sup>1</sup>

[1924=100]

Year	20 leading agricultural States <sup>2</sup>			3 Lake States <sup>3</sup>			5 Corn Belt States <sup>4</sup>			8 cotton-growing States <sup>5</sup>		
	Total	De-mand	Time	Total	De-mand	Time	Total	De-mand	Time	Total	De-mand	Time
1924.....	95	96	92	96	98	96	98	100	94	95	98	90
1925.....	100	102	98	100	102	100	100	102	98	103	105	99
1926.....	101	102	99	101	103	100	101	102	100	103	105	102
1927.....	100	99	100	98	98	98	100	99	100	101	100	102
1928.....	103	102	105	102	100	102	102	102	104	101	98	105
1929.....	102	99	106	102	98	104	100	96	103	96	93	102
1930.....	94	89	101	98	92	100	92	87	97	83	77	93
1931.....	81	75	90	89	81	93	79	73	86	66	60	77
1932.....	64	57	74	72	62	76	60	55	67	49	42	61
1933.....	53	49	59	50	45	52	45	44	47	46	41	55
1934.....	64	66	65	57	59	56	58	64	53	59	59	63
1935.....	( <sup>6</sup> )	( <sup>6</sup> )	69	( <sup>6</sup> )	( <sup>6</sup> )	61	( <sup>6</sup> )	( <sup>6</sup> )	60	( <sup>6</sup> )	( <sup>6</sup> )	70
1936.....	83	94	74	77	94	69	80	93	66	81	92	72
1937.....	90	102	79	86	103	78	89	103	76	88	102	75
1938.....	90	99	82	87	101	80	92	102	81	87	99	77
1939.....	94	106	84	90	109	82	99	112	85	92	106	78
1940.....	102	116	87	97	120	86	109	126	92	96	112	81
1941.....	116	138	92	105	140	89	129	154	102	116	134	84
1942.....	141	184	94	120	179	91	160	207	108	139	186	84
1943.....	201	283	100	159	268	107	224	316	122	196	283	86
1944.....	257	365	120	201	333	137	290	413	154	247	360	102
1945.....	329	462	156	254	404	181	368	516	203	328	478	136
1946.....	395	556	187	311	494	222	442	618	244	395	577	165
1947.....	410	565	204	319	480	242	461	634	267	399	570	182

Year	3 Delta States <sup>7</sup>			Texas-Oklahoma			4 Great Plains States <sup>8</sup>			8 Mountain States <sup>9</sup>		
	Total	De-mand	Time	Total	De-mand	Time	Total	De-mand	Time	Total	De-mand	Time
1924.....	91	99	80	94	95	88	96	93	98	95	96	94
1925.....	104	107	98	101	103	95	104	103	104	94	96	92
1926.....	108	107	109	96	96	92	101	100	102	97	99	93
1927.....	99	96	105	99	99	97	96	96	97	98	98	99
1928.....	97	94	103	106	106	110	102	104	100	108	106	109
1929.....	100	97	106	104	102	119	101	103	98	108	104	113
1930.....	89	82	98	90	86	114	98	99	96	98	91	109
1931.....	67	58	79	74	69	101	87	85	90	85	76	99
1932.....	49	40	62	60	54	90	68	64	73	65	55	79
1933.....	45	38	56	57	52	83	59	57	63	54	47	64
1934.....	59	55	65	70	66	90	73	80	65	62	58	67
1935.....	( <sup>6</sup> )	( <sup>6</sup> )	72	( <sup>6</sup> )	( <sup>6</sup> )	92	( <sup>6</sup> )	( <sup>6</sup> )	63	( <sup>6</sup> )	( <sup>6</sup> )	70
1936.....	81	84	76	90	88	101	88	107	65	87	98	75
1937.....	91	99	79	100	99	107	88	108	63	94	107	78
1938.....	91	97	82	100	115	82	99	99	59	92	103	78
1939.....	96	103	84	107	106	118	85	105	58	98	111	81
1940.....	100	108	88	116	116	118	90	113	60	105	121	85
1941.....	114	130	91	132	134	124	99	129	60	117	139	89
1942.....	145	186	90	161	169	114	127	176	60	141	179	90
1943.....	203	277	92	244	268	100	195	292	63	211	291	101
1944.....	258	354	112	313	347	100	251	382	74	271	376	125
1945.....	342	465	153	417	464	126	316	477	94	345	474	165
1946.....	411	558	193	489	546	141	388	563	111	419	581	197
1947.....	423	561	216	502	560	150	424	650	124	430	596	205

<sup>1</sup> Member banks of the Federal Reserve System located in places of less than 15,000 population (1940 Census.) Deposits for each State are weighted by the cash farm income of the State in the base period. Annual figures are simple averages of monthly indexes.

<sup>2</sup> Arkansas, Georgia, Illinois, Indiana, Iowa, Kansas, Michigan, Minnesota, Mississippi, Missouri, Nebraska, New York, North Carolina, North Dakota, Ohio, Oklahoma, Pennsylvania, South Dakota, Texas, and Wisconsin.

<sup>3</sup> Michigan, Wisconsin, and Minnesota.

<sup>4</sup> Ohio, Indiana, Illinois, Missouri, and Iowa.

<sup>5</sup> North Carolina, South Carolina, Georgia, Alabama, Mississippi, Arkansas, Louisiana, and Oklahoma.

<sup>6</sup> Comparable data for demand deposits for 5 months of 1935 are unavailable.

<sup>7</sup> Mississippi, Arkansas, and Louisiana.

<sup>8</sup> North Dakota, South Dakota, Nebraska, and Kansas.

<sup>9</sup> Montana, Colorado, Arizona, Idaho, Nevada, New Mexico, Utah, and Wyoming.

Bureau of Agricultural Economics. Based on reports of the Board of Governors of the Federal Reserve System.

TABLE 623.—*Total population and farm population, United States: Total number Jan. 1, 1929-48; births and deaths occurring in the farm population, and number of persons moving to and from farms, 1929-47*<sup>1</sup>

Year	Total population, Jan. 1 <sup>1</sup>	Farm population								Change through change in classification of residence
		Number on Jan. 1	Change through natural increase			Change through migration				
			Total	Births	Deaths	Net farm-nonfarm migration	Arrivals from nonfarm areas <sup>2</sup>	Departures from nonfarm areas <sup>4</sup>		
	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	
1929.....	121,136	30,220	426	750	324	-477	1,604	2,081	-----	
1930.....	122,440	30,169	377	721	344	-325	1,740	2,065	264	
1931.....	123,643	30,485	387	721	334	-79	1,683	1,762	235	
1932.....	124,476	31,028	398	726	328	+325	1,544	1,219	282	
1933.....	125,223	32,033	375	701	326	-482	951	1,433	19	
1934.....	126,011	31,945	383	727	344	-415	783	1,198	-112	
1935.....	126,865	<sup>3</sup> 31,801	375	707	332	-642	825	1,467	-157	
1936.....	127,720	31,377	363	703	340	-660	719	1,409	-144	
1937.....	128,475	30,906	375	703	328	-520	872	1,401	-132	
1938.....	129,355	30,620	405	709	304	-420	823	1,243	-125	
1939.....	130,406	30,480	410	710	300	-491	805	1,296	-130	
1940.....	131,456	30,269	400	696	296	-681	650	1,371	-----	
1941.....	132,638	29,988	417	702	285	-1,357	814	2,171	-----	
1942.....	133,953	29,048	390	660	270	-2,779	819	3,598	-----	
1943.....	135,646	26,659	355	610	255	-1,493	1,094	2,587	-----	
1944.....	137,368	25,521	345	591	246	-676	917	1,593	-----	
1945.....	138,923	25,190	354	604	250	+1,306	2,578	1,272	-----	
1946.....	140,394	26,850	419	674	255	+281	1,783	1,502	-----	
1947.....	142,696	27,550	483	750	267	-593	1,030	1,623	-----	
1948.....	145,434	27,440	-----	-----	-----	-----	-----	-----	-----	

<sup>1</sup> Unless otherwise stated, these data are estimates based on information furnished by farm families to the Bureau of Agricultural Economics, adjusted to the census data of 1920, 1930, 1935, and 1940, and since 1944 to the level of farm population of the United States as estimated co-operatively by the Bureau of the Census and the Bureau of Agricultural Economics on the basis of enumerative surveys. Estimates of changes in the farm population from 1930 through 1941 were revised in September 1942; estimates of changes during 1942 were revised in November 1944. For years prior to 1929, see *Agricultural Statistics, 1942*, table 720 for all figures except those on total population, which have been slightly revised.

<sup>2</sup> Based on estimates of the Bureau of the Census.

<sup>3</sup> For 1940 and subsequent years, includes persons returning directly to farms from the armed forces.

<sup>4</sup> For 1940 and subsequent years, includes (1) inductions and enlistments of men living on farms into the armed forces, and (2) persons who have not moved but who are no longer in the farm population because agricultural operations have ceased on the place where they are living.

<sup>5</sup> Census enumeration as of Jan. 1, 1935.

Bureau of Agricultural Economics.

TABLE 624.—Farm population, by geographic divisions, Jan. 1, 1940-48; births and deaths occurring in the farm population, and number of persons moving to and from farms, 1940-47<sup>1</sup>

Division and year	Number on Jan. 1	Change through natural increase			Change through migration			Change through farm-to-farm movement
		Total	Births	Deaths	Net farm-nonfarm migration	Arrivals from nonfarm areas <sup>2</sup>	Departures from nonfarm areas <sup>1</sup>	
	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands
<b>New England:</b>								
1940	617	3	11	8	-2	29	31	-2
1941	616	5	12	7	-6	32	38	-1
1942	614	4	11	7	-9	57	66	-2
1943	607	7	13	6	-9	59	68	-2
1944	603	4	12	8	-1	28	29	-2
1945	604	6	13	7	+100	140	40	-1
1946	709	8	15	7	+37	76	39	-1
1947	753	2	15	13	+1	47	46	5
1948	761							
<b>Middle Atlantic:</b>								
1940	1,772	12	32	20	-30	50	80	13
1941	1,767	13	32	19	-64	52	116	3
1942	1,719	14	33	19	-141	42	183	-2
1943	1,590	14	32	18	-71	68	139	6
1944	1,539	13	32	19	-17	66	83	8
1945	1,543	12	31	19	+35	109	74	9
1946	1,599	19	37	18	-5	90	95	10
1947	1,623	26	43	17	-18	65	83	1
1948	1,632							
<b>East North Central:</b>								
1940	4,589	38	84	46	-88	127	215	30
1941	4,569	41	85	44	-207	123	330	28
1942	4,431	35	83	48	-467	117	584	27
1943	4,026	29	75	46	-233	148	381	22
1944	3,844	40	80	40	-23	181	204	25
1945	3,886	41	81	40	+70	274	204	23
1946	4,020	48	93	45	0	258	258	9
1947	4,077	61	102	41	-83	148	231	1
1948	4,056							
<b>West North Central:</b>								
1940	4,676	53	89	36	-98	94	192	10
1941	4,641	59	95	36	-195	118	313	27
1942	4,532	60	99	39	-369	110	479	11
1943	4,234	61	94	33	-222	152	374	14
1944	4,087	60	95	35	-145	128	273	14
1945	4,016	59	93	34	+97	313	216	15
1946	4,187	71	106	35	-5	264	269	5
1947	4,258	70	106	36	-123	134	257	15
1948	4,220							
<b>South Atlantic:</b>								
1940	6,025	102	166	64	-132	100	232	-11
1941	5,984	108	168	60	-253	114	367	-31
1942	5,808	99	150	51	-527	90	617	-46
1943	5,334	79	129	50	-237	142	379	-61
1944	5,115	78	127	49	-135	119	254	-47
1945	5,011	88	139	51	+427	631	204	-51
1946	5,475	104	153	49	+128	321	193	-36
1947	5,671	117	170	53	-61	160	221	-13
1948	5,714							
<b>East South Central:</b>								
1940	5,238	91	143	52	-138	83	221	-18
1941	5,173	91	143	52	-284	89	373	-10
1942	4,970	79	123	44	-493	88	581	-3
1943	4,553	74	117	43	-292	121	413	-5
1944	4,330	66	107	41	-129	119	248	-17
1945	4,250	65	106	41	+335	487	152	-29
1946	4,621	72	116	44	+94	297	203	-10
1947	4,777	86	139	53	-127	139	266	-11
1948	4,725							
<b>West South Central:</b>								
1940	5,008	78	124	46	-145	108	253	-30
1941	4,911	75	120	45	-265	132	397	-28
1942	4,693	75	116	41	-602	119	721	-8
1943	4,158	69	107	38	-379	177	556	10
1944	3,858	55	92	37	-200	123	323	13
1945	3,723	57	96	39	+215	454	239	13
1946	4,008	68	105	37	+44	308	264	8
1947	4,128	80	115	35	-150	180	330	13
1948	4,071							

See footnotes at end of table.



TABLE 624.—Farm population, by geographic divisions, Jan. 1, 1940-48; births and deaths occurring in the farm population, and number of persons moving to and from farms, 1940-47<sup>1</sup>—Continued

Division and year	Number on Jan. 1	Change through natural increase			Change through migration			Change through farm-to-farm movement
		Total	Births	Deaths	Net farm-nonfarm migration	Arrivals from nonfarm areas <sup>2</sup>	Departures for nonfarm areas <sup>2</sup>	
	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands
Mountain:								
1940	1,102	15	26	11	-28	41	69	10
1941	1,099	16	26	10	-48	77	125	10
1942	1,077	14	24	10	-73	100	173	12
1943	1,030	13	22	9	-26	108	134	5
1944	1,022	15	24	9	-26	71	97	5
1945	1,016	14	24	10	-28	44	72	10
1946	1,012	17	26	9	-27	57	84	9
1947	1,011	23	29	6	-22	71	93	-14
1948	998							
Pacific:								
1940	1,242	8	21	13	-20	58	78	-2
1941	1,228	9	21	12	-35	77	112	2
1942	1,204	10	21	11	-98	96	194	11
1943	1,127	9	21	12	-24	119	143	11
1944	1,123	14	22	8	0	82	82	4
1945	1,141	12	21	9	+55	126	71	11
1946	1,219	12	23	11	+15	112	97	6
1947	1,252	18	31	13	-10	86	96	3
1948	1,263							

<sup>1</sup> Estimates based on the following sources: 1940 Population Census, 1945 Census of Agriculture, current population surveys of the Bureau of the Census, enumerative survey and questionnaire surveys of the Bureau of Agricultural Economics. Revised August 1947.

<sup>2</sup> Includes persons who returned directly to farms from the armed forces.

<sup>3</sup> Includes inductions and enlistments of men living on farms into the armed forces.

Bureau of Agricultural Economics.

816939-49-35

TABLE 625.—Farm population: Annual estimates, by States, Jan. 1, 1940-45<sup>1</sup>

State and division	1940	1941	1942	1943	1944	1945
	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands
Maine.....	175	175	174	170	170	169
New Hampshire.....	70	70	69	65	69	70
Vermont.....	105	106	106	103	101	101
Massachusetts.....	146	147	149	151	154	151
Rhode Island.....	17	16	16	16	16	16
Connecticut.....	104	102	100	102	93	97
New England.....	617	616	614	607	603	604
New York.....	724	719	698	654	635	635
New Jersey.....	142	141	139	128	121	122
Pennsylvania.....	906	907	882	808	783	786
Middle Atlantic.....	1,772	1,767	1,719	1,590	1,539	1,543
Ohio.....	1,077	1,080	1,057	956	900	905
Indiana.....	808	808	780	713	681	701
Illinois.....	968	964	935	856	805	808
Michigan.....	862	848	823	723	689	704
Wisconsin.....	874	869	836	784	769	768
East North Central.....	4,589	4,569	4,431	4,026	3,844	3,886
Minnesota.....	908	903	884	828	793	774
Iowa.....	924	921	907	862	843	842
Missouri.....	1,117	1,117	1,087	994	942	907
North Dakota.....	325	319	314	290	285	285
South Dakota.....	305	304	297	281	268	268
Nebraska.....	495	484	464	445	437	429
Kansas.....	602	593	579	534	519	511
West North Central.....	4,676	4,641	4,532	4,234	4,087	4,016
Delaware.....	46	45	45	45	42	41
Maryland.....	244	242	233	216	211	208
Virginia.....	981	964	946	881	868	857
West Virginia.....	530	525	517	475	455	456
North Carolina.....	1,650	1,622	1,579	1,455	1,410	1,391
South Carolina.....	911	924	885	790	734	723
Georgia.....	1,360	1,353	1,310	1,217	1,140	1,076
Florida.....	303	309	293	255	255	259
South Atlantic.....	6,025	5,984	5,808	5,334	5,115	5,011
Kentucky.....	1,250	1,229	1,159	1,057	1,032	1,034
Tennessee.....	1,265	1,249	1,199	1,110	1,045	1,043
Alabama.....	1,332	1,302	1,246	1,119	1,058	1,059
Mississippi.....	1,391	1,393	1,366	1,267	1,195	1,114
East South Central.....	5,238	5,173	4,970	4,533	4,330	4,250
Arkansas.....	1,102	1,067	1,049	960	843	836
Louisiana.....	846	839	798	719	671	632
Oklahoma.....	921	898	857	771	710	678
Texas.....	2,139	2,107	1,989	1,708	1,634	1,577
West South Central.....	5,008	4,911	4,693	4,158	3,858	3,723
Montana.....	174	167	157	149	147	143
Idaho.....	200	199	194	184	180	181
Wyoming.....	72	72	71	68	67	66
Colorado.....	249	253	245	214	213	211
New Mexico.....	176	178	170	163	161	158
Arizona.....	113	114	113	125	127	129
Utah.....	103	104	106	113	113	113
Nevada.....	15	12	21	14	14	15
Mountain.....	1,102	1,099	1,077	1,030	1,022	1,016
Washington.....	333	333	330	309	305	308
Oregon.....	253	251	248	237	234	236
California.....	656	644	626	581	584	597
Pacific.....	1,242	1,228	1,204	1,127	1,123	1,141
United States.....	30,269	29,988	29,048	26,659	25,521	25,190

<sup>1</sup> For sources of estimates, see footnote <sup>1</sup> on table 624.

TABLE 626.—*Estimated farm population, by age and by sex for persons 14 years of age and over, April 1940, and quarterly dates January 1944 to January 1948*<sup>1</sup>

Year and month	Total farm population <sup>2</sup>	Population not in institutions				
		All ages	Under 14 years	14 years and over		
				Both sexes	Male	Female
	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands
1940: April (Census):.....	30,550	30,394	8,940	21,454	11,449	10,005
1944:						
January.....	25,530	25,270	7,710	17,560	8,800	8,760
April.....	26,870	25,630	7,740	17,890	8,940	8,950
July.....	26,220	25,980	8,090	17,890	9,010	8,880
October.....	25,930	25,700	8,000	17,700	8,860	8,840
1945:						
January.....	25,190	24,960	7,730	17,230	8,540	8,690
April.....	25,620	25,390	7,920	17,470	8,660	8,810
July.....	26,290	26,040	8,380	17,660	8,780	8,880
October.....	26,160	25,970	8,230	17,740	8,910	8,830
1946:						
January.....	26,850	26,700	8,100	18,600	9,400	9,200
April.....	27,110	26,960	8,150	18,810	9,650	9,160
July.....	27,780	27,630	8,270	19,360	10,070	9,290
October.....	27,550	27,400	8,170	19,230	9,980	9,250
1947:						
January.....	27,550	27,400	8,200	19,200	10,060	9,140
April.....	28,143	27,991	8,280	19,711	10,324	9,387
July.....	28,780	28,628	8,583	20,045	10,555	9,490
October.....	28,445	28,293	8,593	19,700	10,205	9,495
1948: January.....	27,439	27,287	8,291	18,996	9,796	9,200

<sup>1</sup> Estimates relate to the civilian population. Figures for 1944 through 1948 are based on the sample survey, the Monthly Report on the Labor Force; figures for 1940 are based on the Sixteenth Decennial Census of Population.

<sup>2</sup> Includes persons in institutions on farms—a relatively small number.

Bureau of the Census and Bureau of Agricultural Economics. Series Census-BAE.

TABLE 627.—*Estimated civilian population, by age and sex, urban and rural, United States, April 1940, July 1945, and April 1947<sup>1</sup>*

Age and sex	United States			Urban			Rural-nonfarm			Rural-farm		
	1940	1945	1947	1940	1945	1947	1940	1945	1947	1940	1945	1947
	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands
Total.....	130,323	126,058	142,061	73,830	73,903	83,860	26,428	26,379	30,896	30,065	25,777	27,305
Under 14 years.....	30,397	32,767	34,905	14,628	16,826	18,360	6,927	7,634	8,477	8,842	8,307	8,068
14 years and over.....	99,926	93,291	107,156	59,202	57,077	65,500	19,501	18,745	22,419	21,223	17,470	19,237
14 to 19 years.....	14,609	12,141	12,830	7,652	6,885	6,830	2,925	2,496	2,876	4,032	2,959	3,124
20 to 24 years.....	11,493	7,740	11,748	6,718	4,915	7,391	2,272	1,480	2,429	2,503	1,345	1,928
25 to 44 years.....	39,282	35,527	42,610	24,257	22,235	26,621	7,777	7,189	9,152	7,248	6,103	6,837
45 to 64 years.....	25,745	28,022	29,377	15,617	17,657	18,278	4,638	5,281	5,645	5,490	5,085	5,454
65 years and over.....	8,707	9,862	10,591	4,958	5,585	6,380	1,889	2,290	2,317	1,950	1,979	1,894
Male.....	65,200	56,955	70,128	36,009	31,864	40,492	13,354	12,032	15,395	15,837	13,059	14,241
Under 14 years.....	15,414	16,659	17,778	7,389	8,484	9,236	3,513	3,850	4,383	4,512	4,325	4,179
14 years and over.....	49,786	40,296	52,350	28,620	23,380	31,256	9,841	8,182	11,022	11,325	8,734	10,062
14 to 19 years.....	7,316	5,346	6,214	3,731	2,734	3,138	1,455	1,067	1,366	2,130	1,545	1,710
20 to 24 years.....	5,619	1,773	5,653	3,140	895	3,392	1,109	343	1,185	1,370	535	1,076
25 to 44 years.....	19,405	14,419	20,720	11,722	8,596	12,897	3,935	3,005	4,462	3,748	2,818	3,361
45 to 64 years.....	13,155	14,032	14,707	7,790	8,656	8,969	2,402	2,654	2,855	2,963	2,722	2,863
65 years and over.....	4,291	4,726	5,056	2,237	2,499	2,840	940	1,113	1,164	1,114	1,114	1,052
Female.....	65,123	69,103	71,933	37,821	42,039	43,368	13,074	14,347	15,501	14,228	12,718	13,064
Under 14 years.....	14,983	16,108	17,127	7,239	8,342	9,124	3,414	3,784	4,114	4,330	3,982	3,889
14 years and over.....	50,140	52,995	54,806	30,582	33,697	34,244	9,660	10,563	11,387	9,898	8,736	9,175
14 to 19 years.....	7,293	6,795	6,616	3,921	3,951	3,692	1,470	1,429	1,610	1,902	1,414	1,414
20 to 24 years.....	5,874	5,967	6,095	3,578	4,020	3,999	1,163	1,137	1,244	1,133	810	852
25 to 44 years.....	19,877	21,108	21,890	12,535	13,639	13,724	3,842	4,184	4,690	3,500	3,285	3,476
45 to 64 years.....	12,590	13,990	14,670	7,827	9,001	9,289	2,236	2,627	2,790	2,527	2,363	2,591
65 years and over.....	4,506	5,136	5,535	2,721	3,086	3,540	949	1,186	1,153	836	865	842

<sup>1</sup> Excludes institutional population, which is relatively small. Figures for 1940 include the small numbers then in the armed forces. Bureau of the Census Series P-S, No. 19, and P-20, Nos. 9 and 10.

TABLE 628.—*Estimated population eating out of civilian food supplies, as of Jan. 1 and July 1, 1930-48*

Date	Population eating out of civilian supplies	Date	Population eating out of civilian supplies	Date	Population eating out of civilian supplies
	Millions		Millions		Millions
July 1930.....	123.8	Jan. 1937.....	129.3	Jan. 1943.....	130.6
Jan. 1931.....	124.3	July 1937.....	129.6	July 1943.....	129.6
July 1931.....	124.8	Jan. 1938.....	130.2	Jan. 1944.....	129.5
Jan. 1932.....	125.2	July 1938.....	130.7	July 1944.....	129.2
July 1932.....	125.6	Jan. 1939.....	131.2	Jan. 1945.....	129.5
Jan. 1933.....	126.0	July 1939.....	131.7	July 1945.....	129.8
July 1933.....	126.3	Jan. 1940.....	132.3	Jan. 1946.....	135.3
Jan. 1934.....	126.8	July 1940.....	132.8	July 1946.....	139.3
July 1934.....	127.1	Jan. 1941.....	132.9	Jan. 1947.....	141.9
Jan. 1935.....	127.6	July 1941.....	132.6	July 1947.....	143.5
July 1935.....	128.0	Jan. 1942.....	133.1	Jan. 1948.....	145.0
Jan. 1936.....	128.5	July 1942.....	132.3	July 1948.....	146.2
July 1936.....	128.9				

Bureau of Agricultural Economics. Estimates compiled from several Federal agencies. The basic population estimates are from the Bureau of the Census, with adjustments for underenumeration of children under 5 years of age in decennial censuses. For January 1, 1941, and subsequent dates, estimates of the civilian population were supplied by the Bureau of the Census. For the period January 1, 1941, through January 1, 1946, an adjustment has been made to allow for members of the armed forces eating out of civilian supplies; the adjustment was originally estimated by OPA on the basis of data from several official sources.

NOTE.—Figures in this table have been revised, beginning with January 1, 1941. Data in this table are used to estimate the per capita consumption of the food commodities, as shown in numerous other tables in this book.

TABLE 629.—*Farm employment: Annual average number of persons employed, United States, 1929-47*<sup>1</sup>

Year	Total employment	Family workers <sup>2</sup>	Hired workers	Year	Total employment	Family workers <sup>2</sup>	Hired workers
	1,000 persons	1,000 persons	1,000 persons		1,000 persons	1,000 persons	1,000 persons
1929.....	11,289	8,305	2,984	1939.....	10,740	8,145	2,595
1930.....	11,173	8,323	2,850	1940.....	10,585	8,019	2,566
1931.....	11,159	8,469	2,690	1941.....	10,361	7,829	2,532
1932.....	11,069	8,571	2,498	1942.....	10,397	7,855	2,542
1933.....	11,023	8,590	2,433	1943.....	10,263	7,857	2,406
1934.....	10,852	8,506	2,346	1944.....	10,037	7,810	2,227
1935.....	11,131	8,702	2,429	1945.....	9,844	7,726	2,118
1936.....	11,047	8,486	2,561	1946.....	10,010	7,862	2,148
1937.....	10,892	8,261	2,631	1947.....	10,157	7,930	2,227
1938.....	10,789	8,169	2,620				

<sup>1</sup> These annual averages are simple averages of 1st of month employment estimates.<sup>2</sup> Includes farm operators and members of their families doing farm work without wages.

Bureau of Agricultural Economics. For additional data see report on Farm-Wage Rates, Farm Employment, and Related Data, January 1943.

TABLE 630.—*Farm employment: Annual average number of persons employed, by geographic divisions, 1943-47*<sup>1</sup>

Geographic division and year	Total employment	Family workers <sup>2</sup>	Hired workers	Geographic division and year	Total employment	Family workers <sup>2</sup>	Hired workers
	1,000 persons	1,000 persons	1,000 persons		1,000 persons	1,000 persons	1,000 persons
<b>New England:</b>				<b>East South Central:</b>			
1943.....	249	167	82	1943.....	1,655	1,394	261
1944.....	237	161	76	1944.....	1,609	1,378	231
1945.....	240	163	77	1945.....	1,553	1,350	203
1946.....	242	165	77	1946.....	1,588	1,384	204
1947.....	244	165	79	1947.....	1,586	1,379	207
<b>Middle Atlantic:</b>				<b>West South Central:</b>			
1943.....	619	416	203	1943.....	1,755	1,325	430
1944.....	606	412	194	1944.....	1,694	1,305	389
1945.....	610	410	200	1945.....	1,665	1,293	372
1946.....	623	411	212	1946.....	1,691	1,323	368
1947.....	623	408	215	1947.....	1,717	1,324	393
<b>East North Central:</b>				<b>Mountain:</b>			
1943.....	1,410	1,144	266	1943.....	439	297	142
1944.....	1,388	1,142	246	1944.....	426	297	129
1945.....	1,370	1,144	226	1945.....	421	293	128
1946.....	1,388	1,157	231	1946.....	426	295	131
1947.....	1,403	1,171	232	1947.....	443	304	139
<b>West North Central:</b>				<b>Pacific:</b>			
1943.....	1,608	1,322	286	1943.....	578	305	273
1944.....	1,580	1,321	259	1944.....	581	305	276
1945.....	1,548	1,319	229	1945.....	586	305	281
1946.....	1,563	1,326	237	1946.....	594	305	289
1947.....	1,618	1,365	253	1947.....	603	303	300
<b>South Atlantic:</b>				<b>United States:</b>			
1943.....	1,950	1,487	463	1943.....	10,263	7,857	2,406
1944.....	1,916	1,489	427	1944.....	10,037	7,810	2,227
1945.....	1,851	1,449	402	1945.....	9,844	7,726	2,118
1946.....	1,895	1,496	399	1946.....	10,010	7,862	2,148
1947.....	1,920	1,511	409	1947.....	10,157	7,930	2,227

<sup>1</sup> These annual averages are simple averages of 1st of month employment estimates.<sup>2</sup> Includes farm operators and members of their families doing farm work without wages.

Bureau of Agricultural Economics. For additional data, see report on Farm-Wage Rates, Farm Employment, and Related Data, January 1943.

TABLE 631.—Farm labor program conducted by State extension services, 1947

State and division	Number of communities with organized program for exchange of labor and farm equipment	Number of different farmers with whom hired workers were placed	Number of placements of farm workers <sup>1</sup>					
			Seasonal workers				Year-round workers <sup>2</sup>	Total seasonal and year-round placements
			Men	Women	Youth	Total		
Maine.....	42	3,033	7,154	1,928	48,271	57,353	1,490	58,843
New Hampshire.....	18	808	2,522	5,042	2,725	10,289	669	10,958
Vermont.....	50	1,032	387	91	1,481	1,959	626	2,585
Massachusetts.....	2	475	433	93	398	924	411	1,335
Rhode Island.....	1	72	52	0	6	58	46	104
Connecticut.....	61	1,829	9,420	473	11,953	21,846	2,836	24,682
New England.....	174	7,249	19,968	7,627	64,834	92,429	6,078	98,507
New York.....	89	8,083	94,160	21,764	42,916	158,840	3,724	162,564
New Jersey.....	7	2,264	8,880	1,944	3,838	14,662	1,773	16,435
Pennsylvania.....	57	3,391	7,415	3,348	12,994	23,757	2,304	26,061
Middle Atlantic.....	153	13,738	110,455	27,056	59,748	197,259	7,801	205,060
Ohio.....	423	4,521	12,597	2,378	14,773	29,748	4,274	34,022
Indiana.....	110	3,093	5,550	1,564	7,952	15,069	1,482	16,548
Illinois.....	286	7,011	19,096	4,635	18,123	41,854	9,323	51,177
Michigan.....	158	32,246	96,007	16,001	32,003	144,011	3,314	147,325
Wisconsin.....	382	5,981	21,585	5,143	13,810	40,538	5,473	46,011
East North Central.....	1,359	52,852	154,835	29,721	86,661	271,217	23,866	295,083
Minnesota.....	414	11,146	20,390	1,011	11,855	33,256	3,429	36,685
Iowa.....	170	8,109	4,035	538	28,178	32,741	2,245	34,984
Missouri.....	357	1,628	2,533	1,404	1,162	5,099	774	5,873
North Dakota.....	265	27,691	81,299	3,790	6,354	91,443	6,140	97,583
South Dakota.....	192	12,473	24,886	91	4,224	29,201	1,184	30,385
Nebraska.....	238	7,878	19,107	1,404	4,601	25,112	2,991	28,103
Kansas.....	421	15,242	26,417	764	4,000	31,181	2,103	33,284
West North Central.....	2,057	84,167	178,667	8,992	60,374	248,033	18,864	266,897
Delaware.....	44	450	3,830	346	108	4,284	211	4,495
Maryland.....	28	2,277	41,303	16,774	2,424	60,501	913	61,414
Virginia.....	62	1,513	17,195	4,931	1,506	23,632	272	23,904
West Virginia.....	133	949	294	7	75	376	231	607
North Carolina.....	295	6,257	90,805	48,848	28,492	168,145	3,634	171,779
South Carolina.....	332	6,176	15,610	19,741	13,794	49,145	2,492	51,637
Georgia.....	855	11,641	39,220	46,774	35,219	121,213	2,480	123,693
Florida.....	33	1,293	15,505	3,973	1,311	20,789	1,426	22,209
South Atlantic.....	1,782	30,556	223,762	141,394	82,929	448,085	11,653	459,738
Kentucky.....	162	2,511	6,647	6,844	20,375	33,866	1,278	35,144
Tennessee.....	676	11,815	23,892	12,186	19,302	55,380	6,844	62,224
Alabama.....	533	5,418	7,740	4,473	5,825	18,038	2,629	20,667
Mississippi.....	591	16,391	54,735	44,039	47,892	146,666	10,591	157,257
East South Central.....	1,962	36,135	93,014	67,542	93,394	253,950	21,342	275,292
Arkansas.....	555	10,216	129,966	85,027	69,772	284,765	2,915	287,680
Louisiana.....	225	5,412	26,561	20,979	11,955	59,495	3,271	62,766
Oklahoma.....	823	13,728	32,099	4,661	11,214	48,574	2,892	51,466
Texas.....	756	47,905	198,996	77,602	98,772	375,370	8,339	383,709
West South Central.....	2,359	77,261	388,222	188,269	191,713	768,204	17,417	785,621
Montana.....	60	7,742	26,921	985	1,641	29,547	1,896	31,443
Idaho.....	83	12,162	201,932	2,710	13,699	218,341	1,050	219,391
Wyoming.....	43	3,680	27,413	755	1,261	29,429	4,393	33,822
Colorado.....	182	13,057	66,048	7,493	12,305	85,746	2,941	88,687
New Mexico.....	25	3,032	12,398	5,894	5,831	24,223	3,521	27,744
Arizona.....	7	1,071	5,977	977	533	7,477	1,069	8,546
Utah.....	95	6,990	39,986	4,270	21,022	65,278	1,297	66,575
Nevada.....	25	1,058	3,894	151	176	4,221	674	4,895
Mountain.....	520	48,792	384,569	23,235	56,458	464,262	16,841	481,103
Washington.....	44	14,273	142,647	38,760	58,477	239,894	5,752	245,636
Oregon.....	26	9,410	86,659	28,089	39,367	154,715	5,405	158,120
California.....	68	24,779	569,844	72,819	21,293	663,956	20,050	684,006
Pacific.....	138	48,462	799,150	140,268	119,137	1,058,555	29,207	1,087,762
United States.....	10,504	390,212	2,352,642	634,104	815,248	3,801,994	153,069	3,955,063

See footnotes on page 549.

TABLE 632.—*Employment of foreign agricultural workers through the Labor Branch, Production and Marketing Administration, 1946 and 1947*<sup>1</sup>

Employed on—	Mexican		Jamaican		Bahamian		Barbadian	
	1946	1947	1946	1947	1946	1947	1946	1947
	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>
Jan. 1.....	21,792	15,029	4,682	4,543	3,772	4,364	-----	641
Apr. 1.....	19,255	15,316	4,778	3,940	3,975	2,405	-----	460
July 1.....	37,978	31,281	11,125	4,318	4,718	4,525	2,947	398
Oct. 1.....	38,544	22,619	12,279	4,028	5,099	4,082	2,365	358
Peak employment: Week ended.....	Oct. 11	June 13	Sept. 20	May 2	Sept. 27	July 25	May 31	Jan. 3

Employed on—	British Honduran		Newfoundlander		Canadian		Total	
	1946	1947	1946	1947	1946	1947	1946	1947
	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>
Jan. 1.....	-----	5	833	328	17	103	31,096	25,013
Apr. 1.....	20	2	729	249	10	32	28,767	22,404
July 1.....	139	3	640	202	414	23	57,961	40,750
Oct. 1.....	124	1	516	154	4,809	6,240	63,736	37,482
Peak employment: Week ended.....	Apr. 5	Jan. 3	Jan. 4	Jan. 3	Sept. 27	Sept. 26	Oct. 11	June 6

<sup>1</sup> This tabulation shows workers brought into the United States through agreements with foreign governments. It does not include workers admitted to the United States under immigration and naturalization permits. During each quarter of the year there were repatriations and a few deaths.

Production and Marketing Administration, and Bureau of Agricultural Economics.

TABLE 633.—*Farm-wage rates: Annual rates, by classes, and index numbers of average rates, United States, 1929-47*<sup>1</sup>

Year	Per month		Per day		Index numbers of composite wage rates <sup>2</sup>	Year	Per month		Per day		Index numbers of composite wage rates <sup>2</sup>
	With board	Without board	With board	Without board			With board	Without board	With board	Without board	
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>			<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	
1929.....	40.61	61.22	1.96	2.25	180	1939.....	27.39	35.82	1.30	1.56	123
1930.....	37.59	48.10	1.76	2.08	167	1940.....	28.05	36.68	1.36	1.59	126
1931.....	28.77	38.38	1.32	1.62	130	1941.....	34.85	43.64	1.69	1.93	154
1932.....	20.85	28.88	.94	1.20	96	1942.....	46.64	55.91	2.19	2.49	201
1933.....	18.07	25.67	.85	1.11	85	1943.....	61.91	72.51	2.87	3.27	264
1934.....	20.24	28.19	.98	1.26	95	1944.....	74.00	85.70	3.46	3.93	315
1935.....	22.42	30.24	1.07	1.33	103	1945.....	82.30	95.40	3.80	4.34	350
1936.....	24.53	32.28	1.15	1.42	111	1946.....	88.90	103.00	4.15	4.74	378
1937.....	28.00	36.32	1.33	1.61	126	1947.....	96.00	111.00	4.50	5.10	408
1938.....	27.73	36.18	1.31	1.58	125						

<sup>1</sup> Weighted average of quarterly reports.

<sup>2</sup> Calendar years 1910-14=100.

Bureau of Agricultural Economics. Data for 1909-28 in Agricultural Statistics, 1944, table 523. For additional data, see report on Farm-Wage Rates, Farm Employment, and Related Data, January 1948.

## FOOTNOTES FOR TABLE 631:

<sup>1</sup> Adjusted to State annual statistical reports. Includes all sources of labor.

<sup>2</sup> Includes families placed as tenants and sharecroppers.

<sup>3</sup> Average of 1.9 placements for each of the estimated 2,100,000 individuals, consisting of 1,200,000 men, 370,000 women, and 530,000 youth.

Extension Service. Data for earlier years in Agricultural Statistics, 1946, table 592, and in the 1945 book, table 559.



TABLE 634.—Farm-wage rates: Annual averages, by geographic divisions, 1946 and 1947

Division	Per month				Per day				Index numbers of composite wage rates <sup>1</sup>	
	With board		Without board		With board		Without board			
	1946	1947	1946	1947	1946	1947	1946	1947	1946	1947
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>		
New England.....	91.90	97.00	133.00	140.00	4.86	5.10	5.92	6.50	367	392
Middle Atlantic.....	86.20	93.00	118.00	128.00	4.59	4.95	5.66	6.10	367	400
East North Central.....	82.40	90.00	110.00	120.00	4.42	4.85	5.35	5.90	340	373
West North Central.....	92.30	100.00	119.00	128.00	4.94	5.40	6.07	6.60	342	369
South Atlantic.....	49.40	52.00	67.60	73.00	2.88	3.10	3.53	3.80	338	365
East South Central.....	43.00	46.50	59.10	65.00	2.43	2.70	3.08	3.35	295	320
West South Central.....	<sup>2</sup> 62.50	69.00	<sup>2</sup> 85.30	93.00	3.42	3.70	4.03	4.35	<sup>2</sup> 343	373
Mountain.....	112.00	122.00	144.00	158.00	5.24	5.60	6.07	6.70	336	365
Pacific.....	148.00	151.00	186.00	191.00	6.72	6.90	8.19	8.30	418	426
United States.....	88.90	96.00	103.00	111.00	4.15	4.50	4.74	5.10	378	408

<sup>1</sup> Calendar years 1910-14=100.<sup>2</sup> Revised.

Bureau of Agricultural Economics. Wage rates as reported by crop reporters. For additional data, see report on Farm-Wage Rates, Farm Employment, and Related Data, January 1948.

TABLE 635.—Return per hour to all labor and total labor used per farm on common sizes of commercial family-operated farms, by type and location, averages 1930-34, 1935-39, 1940-44, annual 1946 and 1947<sup>1</sup>

Type of farm and location	Return per hour to all labor used					Total labor used per farm				
	1930-34	1935-39	1940-44	1946	1947	1930-34	1935-39	1940-44	1946	1947
	Dollars	Dollars	Dollars	Dollars	Dollars	Hours	Hours	Hours	Hours	Hours
Dairy farms:										
Central New York.....	0.13	0.19	0.48	0.86	0.85	4,721	4,726	5,013	5,056	4,906
Southern Wisconsin.....	.03	.21	.57	1.06	1.19	4,732	4,730	5,246	5,253	5,211
Corn Belt farms:										
Cash grain.....	.07	.29	.82	1.60	2.34	4,550	4,192	4,074	4,023	3,853
Hog-beef fattening.....	.00	.25	.69	1.53	1.28	5,166	4,986	4,778	4,748	4,663
Hog-beef raising.....	.02	.19	.53	1.15	1.25	4,046	3,825	3,848	3,834	3,800
Hog-dairy.....	.09	.23	.46	1.10	1.03	5,084	5,053	5,455	5,307	5,317
Spring wheat farms:										
(Northern Plains)										
Wheat—corn—livestock.....	.00	.19	.70	1.48	2.13	3,930	3,486	3,920	3,710	3,623
Wheat—small grain—livestock.....	.00	.16	.67	1.58	2.23	3,811	3,316	3,643	3,480	3,340
Wheat—roughage—livestock.....	.00	.12	.61	1.47	1.74	4,237	3,405	4,088	4,202	3,974
Winter wheat farms:										
(Southern Plains)										
Wheat.....	.03	.17	1.21	3.10	4.42	3,161	2,700	2,889	2,918	2,856
Wheat—grain sorghum.....	.03	.26	1.39	2.35	4.72	3,001	2,678	3,056	3,086	3,065
Cotton farms:										
Southern Plains.....	.10	.27	.66	.88	1.50	4,117	3,678	3,934	3,063	3,285
Black Prairie.....	.13	.22	.38	.50	.71	4,696	4,181	4,118	4,183	4,241
Delta of Mississippi.....	.12	.21	.40	.58	.73	2,941	3,503	3,374	3,357	3,519

<sup>1</sup> The farm in each group for which the return to labor is shown is the average of the most common sizes of farms of the type in the general region indicated. The averages are thus not affected by the activities of operators on farms larger or smaller than the group described, nor by production, prices, and costs of other groups of commodities than those common to the types indicated. Return to labor is the sum available for all labor (family, operator, and hired) after production expenditures other than labor have been met and appropriate credit has been made for the use of capital (land, buildings, machinery, equipment, and supplies) employed in the farm business. The hours of labor worked are quite different as between types, and hours are also influenced by labor-saving machinery used.

Bureau of Agricultural Economics.

TABLE 636.—*Number of different persons who worked on farms for wages, average days worked and cash wages earned by them at hired farm work, by sex of worker, 1945 and 1947*

Year and sex of worker	Estimated farm wage workers <sup>1</sup>	Hired farm work in year		
		Average days per worker	Average cash wages per day worked	Average cash wages in year
	Thousands	Days	Dollars	Dollars
1945, total.....	3,212	96	3.00	287.00
Males.....	2,375	116	3.05	356.00
Females.....	837	40	2.35	94.00
1947, total.....	3,394	106	3.55	408.00
Males.....	2,587	126	3.85	485.00
Females.....	807	43	3.70	160.00

<sup>1</sup> Estimates relate to persons 14 years of age and over, in the civilian noninstitutional population at the end of the year, who did farm work for wages at some time during the year.

Allowances for groups not covered in the surveys (children under 14 years of age, imported foreign workers, and other groups) would raise the estimates of the total number of different persons who worked on farms for wages to 4,219,000 in 1945 and 4,064,000 in 1947.

Bureau of Agricultural Economics. Based on data from enumerative sample surveys made by the Bureau of the Census for the Bureau of Agricultural Economics.

TABLE 637.—*Distribution of hired farm workers by type of wage rate, United States and major regions, selected weeks of 1945, 1946, and 1947*

Type of wage rate	March 18-24, 1945	May 20-26, 1945	Sept. 16-22, 1945	July 14-20, 1946	Jan. 5-11, 1947	Type of wage rate	March 18-24, 1945	May 20-26, 1945	Sept. 16-22, 1945	July 14-20, 1946	Jan. 5-11, 1947
	Per cent	Per cent	Per cent	Per cent	Per cent		Per cent	Per cent	Per cent	Per cent	Per cent
United States: <sup>1</sup>						South:					
Per month.....	21	16	10	10	23	Per month.....	9	6	3	4	13
Per week.....	9	8	4	5	17	Per week.....	7	5	3	3	14
Per day.....	33	44	18	41	26	Per day.....	48	66	24	64	46
Per hour.....	26	23	18	26	20	Per hour.....	21	18	8	20	19
Piece rate.....	8	4	45	9	9	Piece rate.....	13	1	56	4	4
Other <sup>2</sup> .....	3	5	5	9	5	Other <sup>2</sup> .....	2	4	6	5	4
Northeast:						West:					
Per month.....	32	28	15	12	30	Per month.....	22	19	11	13	37
Per week.....	36	33	15	20	40	Per week.....	3	3	2	2	5
Per day.....	14	9	12	11	9	Per day.....	10	12	8	14	6
Per hour.....	14	16	19	28	17	Per hour.....	61	47	43	48	29
Piece rate.....	3	12	37	23	-----	Piece rate.....	3	15	34	18	23
Other <sup>2</sup> .....	1	2	2	6	4	Other <sup>2</sup> .....	1	4	2	5	6
North Central:											
Per month.....	47	42	28	19	40						
Per week.....	7	11	6	5	20						
Per day.....	24	24	14	23	15						
Per hour.....	14	15	21	26	12						
Piece rate.....	1	1	27	7	4						
Other <sup>2</sup> .....	7	7	4	20	9						

<sup>1</sup> The number of hired farm workers was about 43 percent higher in May 1945 than in March, 98 percent higher in September, 117 percent higher in July 1946, and 36 percent lower in January 1947 than in March 1945. Of the total number of hired farm workers on each date, 45 percent were seasonal workers (working less than 150 days on the reporting farm during the calendar year) in March 1945, 62 percent in May, 80 percent in September, 77 percent in July 1946, and 41 percent in January 1947.

<sup>2</sup> Includes custom-work rates and annual rates.

Bureau of Agricultural Economics. Estimates based on data from enumerative sample surveys.

TABLE 638.—Average wage rate, hourly cash wages and hours worked during week by regular and seasonal hired farm workers paid specified types of wage rates, United States and major regions, selected weeks in 1946 and 1947<sup>1</sup>

Area, type of wage rate, and survey week <sup>2</sup>	Regular hired farm workers <sup>3</sup>			Seasonal hired farm workers <sup>4</sup>		
	Average wage rate <sup>5</sup>	Average hourly cash wages <sup>6</sup>	Average hours worked during survey week on reporting farm	Average wage rate <sup>5</sup>	Average hourly cash wages <sup>6</sup>	Average hours worked during survey week on reporting farm
<b>United States:</b>	<i>Dollars</i>	<i>Dollars</i>	<i>Hours</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Hours</i>
Month with meals:						
July 14-20, 1946.....	86.10	0.28	73	78.70	0.28	66
Jan. 5-11, 1947.....	79.80	.36	56			
Week without meals:						
July 14-20, 1946.....	27.30	.46	59	29.90	.58	52
Jan. 5-11, 1947.....	29.70	.58	50			
Day without meals:						
July 14-20, 1946.....	3.60	.38	49	3.50	.37	26
Jan. 5-11, 1947.....	3.30	.41	40	3.20	.44	26
Hour without meals:						
July 14-20, 1946.....	.62	.61	53	.58	.62	37
Jan. 5-11, 1947.....	.61	.63	41	.08	.68	23
Piece rate without meals:						
July 14-20, 1946.....					.53	31
<b>Northeast:</b>						
Month with meals:						
July 14-20, 1946.....	68.90	.22	73	52.70	.18	68
Jan. 5-11, 1947.....	67.90	.28	60			
Week without meals:						
July 14-20, 1946.....	32.00	.52	63	24.80	.49	50
Jan. 5-11, 1947.....	33.60	.58	57			
Hour without meals:						
July 14-20, 1946.....	.69	.63	55	.62	.68	34
<b>North Central:</b>						
Month with meals:						
July 14-20, 1946.....	78.10	.25	76	68.50	.24	68
Jan. 5-11, 1947.....	68.10	.30	57			
Day without meals:						
July 14-20, 1946.....	4.45	.43	56	4.40	.45	32
Hour without meals:						
July 14-20, 1946.....	.70	.67	55	.61	.59	40
<b>South:</b>						
Day without meals:						
July 14-20, 1946.....	3.15	.33	47	3.30	.33	25
Jan. 5-11, 1947.....	2.90	.35	39	3.20	.42	26
Hour without meals:						
July 14-20, 1946.....	.43	.43	49	.42	.42	24
Jan. 5-11, 1947.....	.44	.45	38	.50	.46	22
Piece rate without meals:						
July 14-20, 1946.....					.34	16
<b>West:</b>						
Hour without meals:						
July 14-20, 1946.....	.82	.82	56	.74	.73	50
Jan. 5-11, 1947.....	.83	.87	45	.91	.92	28
Piece rate without meals:						
July 14-20, 1946.....					.64	42

<sup>1</sup> Averages are not shown for rates that are infrequent at a given date.<sup>2</sup> Rates are classified as "with meals" if 2 or more regular meals per day are furnished; rates that carry only 1 meal per day are classified as "without meals."<sup>3</sup> Workers whom the farmer reported he would employ for 150 days or more during year.<sup>4</sup> Average hourly rates may differ slightly from their corresponding hourly cash wage equivalents for several reasons: (1) Slightly different coverage, as the equivalent wages were computed only for workers who reported on time worked; (2) weekly wages being rounded to the nearest dollar before computing equivalents; and (3) if a worker was paid at more than one rate during the week, the rate at which he worked the longest during the week was the one reported, but his cash wages included money earned at all rates.<sup>5</sup> Workers whom the farmer reported he would employ less than 150 days during year. This group includes some workers for whom expected duration of employment was not reported. The majority of them were short-time seasonal laborers working in crews, for whom this information was not requested.

Bureau of Agricultural Economics. Estimates based on data from enumerative sample surveys. Data for March, May, and September 1945 in Agricultural Statistics 1947, table 617.

TABLE 639.—Average hourly and daily cash wages and average hours worked during survey week by regular and seasonal hired farm workers, United States and major regions, selected weeks of 1945, 1946, and 1947<sup>1</sup>

Area and survey week	Distribution of hired farm workers employed during survey week			Average hourly cash wages on reporting farm			Average daily cash wages on reporting farm			Average hours worked during survey week on reporting farm		
	Total workers	Regular workers <sup>2</sup>	Seasonal workers <sup>3</sup>	Total workers	Regular workers <sup>2</sup>	Seasonal workers <sup>3</sup>	Total workers	Regular workers <sup>2</sup>	Seasonal workers <sup>3</sup>	Total workers	Regular workers <sup>2</sup>	Seasonal workers <sup>3</sup>
	Per cent	Per cent	Per cent	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Hours	Hours	Hours
United States:												
Mar. 18-24, 1945.....	100	56	44	0.35	0.32	0.41	3.20	3.10	3.30	45	56	32
May 20-26, 1945.....	100	39	61	.37	.34	.41	3.60	3.40	3.90	45	60	35
Sept. 16-22, 1945.....	100	21	79	.48	.36	.53	4.40	3.60	4.70	41	60	36
July 14-20, 1946.....	100	23	77	.46	.40	.49	4.40	4.10	4.60	39	61	33
Jan. 5-11, 1947.....	100	59	41	.48	.47	.52	3.70	3.70	3.80	41	48	28
Northeast:												
Mar. 18-24, 1945.....	100	77	23	.34	.31	.50	3.30	3.10	4.20	57	64	38
May 20-26, 1945.....	100	67	33	.40	.34	.62	3.80	3.30	5.30	56	63	40
Sept. 16-22, 1945.....	100	33	67	.49	.34	.64	4.70	3.40	5.70	44	64	34
July 14-20, 1946.....	100	37	63	.44	.39	.51	3.80	4.00	3.70	45	65	33
Jan. 5-11, 1947.....	100	80	20	.46	.44	.58	3.80	3.80	4.00	50	55	28
North Central:												
Mar. 18-24, 1945.....	100	79	21	.28	.27	.35	2.90	2.80	3.20	58	65	32
May 20-26, 1945.....	100	67	33	.30	.28	.38	3.20	3.10	3.60	60	70	38
Sept. 16-22, 1945.....	100	40	60	.52	.31	.81	4.90	3.30	6.40	48	68	34
July 14-20, 1946.....	100	30	70	.44	.36	.52	4.60	4.00	5.20	51	70	41
Jan. 5-11, 1947.....	100	66	34	.39	.38	.45	3.10	3.10	3.20	46	54	30
South:												
Mar. 18-24, 1945.....	100	47	53	.29	.27	.32	2.60	2.50	2.70	39	48	31
May 20-26, 1945.....	100	29	71	.26	.28	.25	2.50	2.70	2.40	37	53	31
Sept. 16-22, 1945.....	100	13	87	.32	.30	.32	2.90	2.90	3.00	34	51	32
July 14-20, 1946.....	100	17	83	.35	.33	.35	3.30	3.20	3.40	29	52	25
Jan. 5-11, 1947.....	100	54	46	.44	.43	.45	3.30	3.30	3.30	36	41	29
West:												
Mar. 18-24, 1945.....	100	45	55	.62	.59	.68	4.90	5.50	4.20	44	57	32
May 20-26, 1945.....	100	30	70	.67	.59	.71	6.20	5.70	6.40	51	60	46
Sept. 16-22, 1945.....	100	18	82	.73	.60	.77	6.80	5.80	7.00	50	60	48
July 14-20, 1946.....	100	24	76	.67	.62	.69	6.40	6.00	6.60	52	61	49
Jan. 5-11, 1947.....	100	50	50	.75	.72	.88	5.70	5.50	6.10	40	49	24

<sup>1</sup> Custom workers are excluded, since the hire of machinery or equipment was included in their reported cash wages.

<sup>2</sup> Workers whom the farmer reported he would employ for 150 days or more during the year.

<sup>3</sup> Workers whom the farmer reported he would employ for less than 150 days during the year. This group includes some workers for whom expected duration of employment was not reported. The majority of them were very short-time seasonal laborers working in crews for whom this information was not requested.

Bureau of Agricultural Economics. Estimates based on data from enumerative sample surveys.

**TABLE 640.—Commodity goals, livestock, and livestock products, United States, average 1937-41, annual 1943-48**

[illegible]

Livestock and livestock products	Unit	Average 1937-41 (Actual)	1943		1944		1945		1946		1947		1948
			Goal	Actual	Goal	Actual	Goal	Actual	Goal	Actual (pre-vised)	Goal	Actual (pre-vised)	Goal
Cattle and calves on farm (Dec. 31)	Thousands.....	69,473	76,200	85,334	70,842	85,573	77,306	82,434	78,788	81,207	78,500	78,500	78,047
Cattle and calves slaughtered.....	do.....	24,643	30,400	27,785	33,700	34,080	35,336	35,336	35,336	35,336	34,500	35,068	32,000
Dressed weight.....	Million pounds.....	8,220	10,910	9,742	11,824	10,853	11,543	11,940	11,940	11,940	12,028	12,028	10,800
Beef cattle on farm (Dec. 31)	Thousands.....	32,863	44,077	44,077	44,724	44,724	46,341	46,341	46,341	46,341	42,739	41,229	41,229
Beef cows on farm (Dec. 31)	do.....	10,948	15,521	15,521	16,456	16,456	16,319	16,319	16,319	16,319	15,641	16,047	16,047
Milk cows on farm (average for year)	Thousands.....	23,563	28,720	25,574	28,775	26,363	26,363	26,363	26,363	26,363	24,418	23,871	23,871
Milk production on farm.....	Million pounds.....	107,855	122,000	117,785	121,237	117,992	120,852	121,504	120,824	119,713	120,400	119,366	120,000
Sows to farrow:													
Spring.....	Thousands.....	7,534	12,174	10,325	9,246	9,246	9,699	9,699	8,304	8,109	9,162	8,632	7,984
Fall.....	do.....	4,802	7,563	6,888	4,882	5,814	5,814	5,814	4,953	4,713	5,389	4,908	5,553
Pigs:													
Spring.....	Thousands.....	46,801	70,200	74,223	62,982	55,754	57,573	52,189	51,651	52,392	58,000	52,902	50,000
Fall.....	do.....	30,428	50,300	47,684	42,699	30,905	37,000	34,593	31,551	30,548	35,000	31,352	34,400
Hogs slaughtered.....	do.....	65,642	100,000	95,226	104,000	98,068	78,200	71,891	76,244	76,244	74,712	74,712	74,712
Pork production, excluding lard.....	Million pounds.....	8,573	13,850	13,640	13,520	13,304	10,322	10,697	11,173	11,173	10,601	10,601	10,601
Lard production.....	do.....	1,942	3,400	2,865	3,120	3,054	2,066	2,066	2,132	2,138	2,427	2,427	2,427
All sheep and lambs on farm (Dec. 31)	Thousands.....	52,900	55,000	60,782	51,901	46,520	49,136	42,436	45,024	37,818	32,542	35,332	30,500
Stock sheep and lambs on farm (Dec. 31)	do.....	46,098	44,270	47,892	39,009	35,999	35,999	35,999	35,999	35,999	32,125	30,544	30,544
Sheep shorn.....	do.....	45,681	44,270	47,892	39,009	35,999	35,999	35,999	35,999	35,999	32,125	30,544	30,544
Wool production (shorn).....	Thousands pounds.....	35,681	37,073	32,000	25,335	21,600	21,639	21,639	21,639	21,639	21,639	21,639	21,639
Sheep slaughtered.....	Thousands.....	21,874	24,100	27,073	22,000	25,335	21,600	21,639	21,639	21,639	21,639	21,639	21,639
Chickens raised, farm production <sup>1</sup>	Million pounds.....	884	990	1,104	1,024	1,024	1,024	1,024	1,024	1,024	1,024	1,024	1,024
Commercial broiler production <sup>2</sup>	Thousands.....	665,430	1,001,392	892,983	832,063	745,800	914,793	679,156	745,802	677,110	745,401	690,104	690,104
Hens and pullets on farm (Jan. 1)	do.....	118,046	285,293	208,805	294,999	213,000	345,598	275,000	275,000	275,000	283,091	283,091	283,091
Egg production on farm.....	do.....	376,566	488,959	527,012	523,587	475,000	473,830	407,993	474,233	435,000	435,000	435,000	435,000
Turkeys raised, farm production.....	Million dozens.....	4,345	4,545	4,597	4,878	4,350	4,655	3,909	4,632	4,200	4,608	4,200	4,200
	Thousands.....	30,636	32,309	32,079	35,616	35,616	35,616	35,616	38,074	40,724	40,378	35,105	30,597

<sup>1</sup> Harvested acreage.<sup>2</sup> Includes acreage planted in fall of preceding year for harvesting in spring of year shown.<sup>3</sup> Short-time average. Estimates on grain sorghums for all purposes were discontinued in 1941 for all States except Texas and New Mexico.<sup>4</sup> Sugar Act of 1948 applicable.<sup>5</sup> Actual acreage excludes asparagus harvested for processing in California for 1937 and 1938, plus certain other States from 1939 to date; and cabbage harvested for sauerkraut for all years.<sup>6</sup> Excludes artichokes, cauliflower, eggplant, escarole, kale, and shallots for 1946; artichokes, escarole, and kale for 1947; and asparagus, Honey Ball melons, winter cucumbers, and all eggplant, except winter, for 1948.<sup>7</sup> In terms of "pack" only.<sup>8</sup> Excludes pimientos.<sup>9</sup> Marketing quotas.<sup>10</sup> Includes marketing quotas of 78,000 and 33,000 acres respectively for fire-cured and dark air-cured, except for Virginia sun-cured type; and all non-quota types, except types 56 and 72 for which no goals have been suggested nor quotas established.<sup>11</sup> Actual acreages were derived by subtracting the B.A.E. estimates of wild hay for 22 States from the estimates of "all hay" for United States.<sup>12</sup> Includes Austrian winter peas; hairy, common and Wilmamette vetch; crimson clover, and common ryegrass for all years, plus other kinds for which no goals were set, varying by years.<sup>13</sup> Includes alfalfa, and sweet clover; and lespedeza for all years, plus other kinds for which goals were set, varying by years.<sup>14</sup> Does not include commercial production nor young chickens lost.

Production and Marketing Administration. Compiled as follows: Goal data from records of the Production and Marketing Administration; actual data from records of Bureau of Agricultural Economics. Data for 1942 in Agricultural Statistics, 1947, table 618.



TABLE 641.—Total planted acreage of principal crops, United States, 1929-47

Year	Corn, all	Oats <sup>1</sup>	Bar- ley <sup>1</sup>	Sor- ghums <sup>2</sup>	Wheat			Buck- wheat	Rice	Flax- seed <sup>1</sup>
					Win- ter <sup>3</sup>	Spring	All <sup>1</sup>			
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres
1929.....	90,130	40,534	14,703	8,830	44,145	23,032	67,177	671	860	3,386
1930.....	103,915	42,608	13,581	9,447	45,248	22,311	67,559	635	966	4,481
1931.....	109,364	44,483	13,820	10,685	45,915	20,548	66,463	538	965	3,773
1932.....	113,024	45,549	14,555	12,070	43,628	22,653	66,281	476	874	2,720
1933.....	109,830	43,774	14,200	12,602	44,802	24,207	69,009	487	798	1,837
1934.....	100,563	40,467	12,024	14,612	44,836	19,228	64,064	510	812	1,609
1935.....	99,974	43,599	13,956	16,492	47,436	22,175	69,611	524	817	2,419
1936.....	101,959	41,934	12,837	13,355	49,986	23,984	73,970	417	981	2,572
1937.....	97,174	39,827	12,346	13,001	57,845	22,969	80,814	442	1,116	1,330
1938.....	94,473	39,390	12,171	15,561	56,464	22,517	78,981	466	1,076	1,032
1939.....	91,639	38,203	15,513	17,863	46,154	16,648	62,802	401	1,045	2,339
1940.....	88,692	39,315	15,689	21,208	43,536	18,284	61,820	420	1,090	3,364
1941.....	86,837	41,841	15,857	18,800	46,045	16,662	62,707	355	1,263	3,462
1942.....	88,818	43,018	19,686	16,082	38,855	14,145	53,000	403	1,490	4,698
1943.....	94,341	43,467	17,474	17,726	38,515	17,469	55,984	528	1,517	6,182
1944.....	95,475	43,804	14,337	18,458	46,821	19,369	66,190	539	1,503	2,887
1945.....	89,727	45,889	11,718	15,912	50,415	18,715	69,130	487	1,507	3,953
1946.....	89,788	46,549	11,527	14,749	52,195	19,341	71,536	416	1,586	2,641
1947 <sup>4</sup> .....	86,168	42,501	12,030	11,700	58,068	19,879	77,947	559	1,687	4,157

Year	Cotton <sup>5</sup>	Beans, dry, edible	Peas, dry, field	Pota- toes <sup>1</sup>	Sweet- pota- toes	Sugar beets <sup>1</sup>	Har- vested acreage of 36 crops <sup>6</sup>	52 crops planted or grown <sup>7</sup>
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres
1929.....	44,448	1,924	250	3,068.0	647	772	76,628	363,028
1930.....	43,329	2,266	295	3,189.7	670	821	75,787	369,550
1931.....	39,110	2,145	312	3,550.1	854	760	73,767	370,589
1932.....	36,494	1,625	257	3,639.0	1,059	812	76,036	375,471
1933.....	40,248	1,895	294	3,496.4	907	1,036	72,719	373,124
1934.....	27,860	1,985	330	3,739.3	968	945	68,426	338,965
1935.....	28,063	2,087	370	3,557.7	944	809	78,667	361,889
1936.....	30,627	1,950	296	3,126.9	774	855	74,586	360,239
1937.....	34,090	1,911	276	3,118.8	770	813	75,992	363,020
1938.....	25,018	1,759	225	2,944.3	795	985	70,390	354,266
1939.....	24,683	1,876	238	2,867.4	735.0	993	81,448	342,645
1940.....	24,871	2,079	314	2,885.7	651.7	971	84,455	347,826
1941.....	23,130	2,250	379	2,749.1	730.9	796	86,498	347,655
1942.....	23,302	2,102	518	2,755.1	688.0	1,048	93,713	351,320
1943.....	21,900	2,599	825	3,354.7	869.7	619	94,148	361,534
1944.....	19,990	2,155	752	2,884.7	732.1	633	94,828	365,168
1945.....	17,562	1,686	549	2,705.7	677.3	776	94,375	356,884
1946.....	18,190	1,697	521	2,644.6	682.2	904	91,258	354,689
1947 <sup>4</sup> .....	21,500	1,839	551	2,146.6	617.5	968	93,589	357,960

<sup>1</sup> Includes acreage planted in preceding fall for harvest in the year shown.<sup>2</sup> Grain and sweet sorghums for all uses, including sirup.<sup>3</sup> Acreage seeded in preceding fall.<sup>4</sup> Preliminary.<sup>5</sup> Acreage in cultivation July 1.<sup>6</sup> Includes harvested acreage of the following crops: Rye, hay (including tame and wild), sweet-clover seed, timothy seed, soybeans for beans, cowpeas for peas, peanuts picked and threshed, tobacco, sugarcane, broomcorn, and 21 vegetables (11 for processing:—asparagus, snap beans, lima beans, beets, cabbage, sweet corn, cucumbers, peas, pimientos, spinach, and tomatoes; 10 for market: artichokes, asparagus, snap beans, lima beans, beets, cabbage, cantaloups, including Honey Dews, Honey Balls, and miscellaneous melons, carrots, cauliflower, celery, cucumbers, eggplant, lettuce, onions, peas, peppers, spinach, tomatoes, and watermelons). Alfalfa seed, red clover seed, white clover seed, and lespedeza seed are included in the count of crops, but the acreage is not included because mostly duplicated in the hay acreage; the acreage of peanut hay, largely duplicated in peanuts picked and threshed, has been deducted. The harvested instead of the planted acreage of rye is included because most of the rye acreage not harvested is planted to other crops or used for pasture. Excludes grains cut for hay because part of the acreage shown as planted to wheat, oats, and barley is included in grain hay.<sup>7</sup> Includes crops listed separately in this table, plus those mentioned in footnote 6. (Sorghums counted as 2 crops, grain and sweet).

Bureau of Agricultural Economics.



TABLE 642.—*Harvested acreage (average 1936-45) and farm value of principal crops, by States, annual 1945-47*

State and division	Harvested acreage of 52 crops (excluding duplications) <sup>1</sup>				Farm value of 72 crops <sup>1</sup>		
	Average 1936-45	1945	1946	1947 <sup>2</sup>	1945	1946	1947 <sup>2</sup>
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 dollars	1,000 dollars	1,000 dollars
Maine.....	1,228	1,220	1,213	1,185	91,049	109,273	113,584
New Hampshire.....	395	411	404	400	12,644	13,476	15,787
Vermont.....	1,102	1,162	1,163	1,140	36,973	39,375	47,157
Massachusetts.....	444	462	458	443	44,600	59,487	57,430
Rhode Island.....	51	54	54	51	4,709	5,096	5,890
Connecticut.....	381	398	391	382	47,690	55,407	55,781
New York.....	6,531	6,394	6,466	6,067	312,760	362,444	352,381
New Jersey.....	791	844	826	810	98,422	109,470	107,079
Pennsylvania.....	6,105	6,215	6,187	5,927	308,213	346,687	383,618
North Atlantic.....	17,029	17,161	17,160	16,407	957,060	1,101,815	1,139,386
Ohio.....	10,196	10,712	10,601	10,157	511,103	585,974	644,135
Indiana.....	10,389	10,910	10,864	10,683	521,553	607,502	758,468
Illinois.....	19,282	19,629	20,226	19,939	863,973	1,237,546	1,328,907
Michigan.....	7,768	8,154	8,224	7,803	245,040	414,937	446,549
Wisconsin.....	10,233	10,674	10,350	10,335	425,895	490,106	607,147
Minnesota.....	18,900	19,315	19,010	18,795	574,174	748,065	968,695
Iowa.....	21,272	21,716	22,062	21,470	888,901	1,321,988	1,160,295
Missouri.....	12,529	12,066	12,478	12,128	327,929	522,446	523,549
North Dakota.....	17,118	21,365	20,342	21,278	451,411	496,443	753,602
South Dakota.....	13,888	16,860	16,789	17,074	361,991	453,562	559,445
Nebraska.....	19,005	20,282	19,779	19,303	527,106	683,721	735,915
Kansas.....	21,387	22,908	22,558	23,586	505,204	641,383	931,120
North Central.....	181,968	194,590	193,293	192,552	6,304,280	8,203,673	9,427,837
Delaware.....	379	397	396	399	19,627	22,917	25,376
Maryland.....	1,658	1,663	1,648	1,660	88,620	114,165	120,308
Virginia.....	3,814	3,866	3,660	3,681	254,141	298,452	300,974
West Virginia.....	1,409	1,359	1,311	1,320	59,989	65,770	72,682
North Carolina.....	6,350	6,197	6,089	6,290	643,480	807,852	788,513
South Carolina.....	4,788	4,318	4,267	4,433	269,859	361,750	334,025
Georgia.....	8,503	7,483	7,211	7,356	392,621	419,353	466,959
Florida.....	1,211	1,231	1,231	1,198	339,826	248,954	205,111
South Atlantic.....	28,111	26,514	25,814	26,338	2,068,163	2,359,213	2,313,948
Kentucky.....	5,267	5,313	5,192	5,134	359,572	422,087	461,169
Tennessee.....	6,216	5,790	5,626	5,736	300,520	378,036	411,269
Alabama.....	6,796	5,954	5,855	5,838	302,039	329,793	365,122
Mississippi.....	6,952	6,367	5,943	6,151	364,026	351,637	472,018
Arkansas.....	6,321	5,414	5,671	5,923	290,353	414,109	405,407
Louisiana.....	4,031	3,487	3,411	3,421	212,547	216,620	257,314
Oklahoma.....	12,990	12,099	13,290	13,722	265,200	358,995	472,304
Texas.....	27,291	26,597	26,937	28,696	744,556	936,850	1,450,138
South Central.....	75,864	71,922	71,926	74,620	2,828,822	3,408,127	4,294,731
Montana.....	6,635	7,741	7,965	8,346	157,474	215,910	286,163
Idaho.....	3,122	3,344	3,445	3,484	181,202	212,417	259,098
Wyoming.....	1,786	1,860	1,886	1,958	42,474	59,222	76,158
Colorado.....	5,732	6,202	6,037	6,583	225,565	244,451	370,473
New Mexico.....	1,573	1,397	1,337	1,682	44,983	68,728	86,603
Arizona.....	715	770	809	857	86,130	103,705	118,912
Utah.....	1,104	1,173	1,158	1,163	60,880	69,804	81,270
Nevada.....	446	490	489	484	13,366	17,601	16,366
Washington.....	3,782	4,160	4,177	4,220	297,521	366,865	380,049
Oregon.....	2,705	2,862	2,903	2,903	177,750	209,407	214,022
California.....	5,981	6,300	6,534	6,757	1,193,871	1,477,746	1,295,053
Western.....	33,581	36,300	36,739	38,438	2,478,235	3,045,856	3,184,167
United States.....	336,554	346,486	344,932	<sup>3</sup> 348,355	14,636,560	18,098,684	20,360,069

For footnotes see page 558.

TABLE 643.—Total harvested acreage of principal crops, United States, 1929-47

Year	Corn, all	Oats	Barley	Sor- ghums for grain	Total, 4 feed grains	Wheat	Rye	Buck- wheat	Rice	Total, 4 food grains	Flax- seed	Cotton
1929	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres
1929	97,805	38,153	13,564	3,523	153,045	63,392	3,138	629	860	68,019	3,049	43,232
1930	101,465	39,847	12,629	3,477	157,418	62,637	3,646	574	966	67,823	3,780	42,444
1931	106,866	40,193	11,181	4,443	162,683	57,704	3,159	507	965	62,335	2,431	38,700
1932	110,577	41,700	13,206	4,400	169,883	57,851	3,350	454	874	62,529	1,988	35,891
1933	105,918	36,528	9,641	4,354	156,441	49,424	2,405	460	798	53,087	1,341	29,383
1934	92,193	29,455	6,577	2,396	130,621	43,347	1,921	475	812	46,555	1,002	26,866
1935	95,974	40,109	12,436	4,597	153,116	51,305	4,066	505	817	56,993	2,126	27,509
1936	83,154	35,654	8,329	2,793	137,930	49,125	2,694	379	981	53,179	1,125	29,755
1937	93,930	35,542	9,969	4,915	144,356	64,169	3,825	421	1,099	69,514	927	33,623
1938	92,160	36,042	10,610	4,699	143,511	69,197	4,087	448	1,076	74,808	905	24,248
1939	88,279	33,460	12,739	4,760	139,238	52,669	3,822	370	1,045	57,906	2,171	23,805
1940	86,429	35,431	13,525	6,374	141,759	53,273	3,204	388	1,069	57,934	3,182	23,861
1941	85,357	38,161	14,276	6,015	143,809	55,935	3,573	337	1,214	61,059	3,266	22,336
1942	87,367	38,197	16,958	5,991	148,513	49,773	3,792	375	1,457	55,397	4,408	22,602
1943	92,060	38,914	14,900	6,889	152,763	51,355	2,652	505	1,472	55,984	5,691	21,610
1944	94,014	39,672	12,301	9,385	155,372	59,749	2,132	515	1,480	63,876	2,610	19,651
1945	88,079	41,833	10,465	6,408	146,885	65,120	1,856	409	1,494	68,879	3,785	17,069
1946	88,489	43,205	10,411	6,773	148,878	67,075	1,607	391	1,574	70,647	2,432	17,615
1947 <sup>1</sup>	84,981	38,648	10,947	5,606	139,182	74,186	2,022	518	1,677	78,403	4,026	21,269

Year	Hay, all	Sor- ghums for forage	Sor- ghums for silage	Sweet- clover seed	Timoth- y seed	Beans, dry, edible	Peas, dry, field	Soy-beans for beans	Cow-peas for peas	Peanuts picked and threshed	Total, 5 annual legumes
1929	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres
1929	69,531	4,608	103	292.6	437.3	1,845	192	158	1,262	1,262	4,593
1930	67,947	5,089	106	219.0	435.7	2,160	229	1,074	674	1,073	5,210
1931	68,160	5,392	133	253.1	608.9	1,947	241	1,141	1,139	1,440	5,908
1932	70,412	6,172	232	213.7	454.5	1,431	219	1,001	1,190	1,501	5,342
1933	68,439	6,697	377	215.5	325.5	1,729	258	1,044	1,086	1,217	5,334
1934	65,387	8,182	816	216.7	140.6	1,461	277	1,556	1,190	1,514	5,998
1935	68,550	9,072	666	243.8	1,000.8	1,865	320	2,915	1,057	1,497	7,654
1936	67,732	6,975	749	377.4	381.6	1,626	236	2,359	1,366	1,660	7,247
1937	66,001	6,036	380	309.6	591.4	1,695	227	2,586	1,472	1,538	7,518
1938	68,175	8,636	740	525.6	441.9	1,643	165	3,035	1,386	1,692	7,921
1939	69,243	9,826	904	555.8	490.2	1,679	169	4,315	1,381	1,908	9,452
1940	73,058	11,729	1,081	348.2	398.9	1,903	247	4,807	1,432	2,052	10,441
1941	73,136	10,481	1,233	349.1	375.3	2,019	291	5,889	1,483	1,900	11,582
1942	74,827	7,865	927	225.2	437.4	1,925	493	9,894	1,241	3,355	16,908
1943	77,004	8,404	913	178.0	431.0	2,362	795	10,397	852	3,528	17,934
1944	77,541	7,587	879	284.5	364.7	1,996	719	10,232	712	3,068	16,727
1945	77,017	7,504	680	239.1	362.2	1,485	518	10,661	648	3,160	16,472
1946	74,173	6,240	644	235.7	365.3	1,616	498	9,806	566	3,142	15,628
1947 <sup>1</sup>	75,291	4,861	668	210.9	406.7	1,759	520	11,125	587	3,389	17,380

See footnotes at end of table, on page 559.

## FOOTNOTES FOR TABLE 642:

<sup>1</sup> Includes all corn, all wheat, oats, barley, rye, buckwheat, flaxseed, rice, sorghums for grain, sorghums for forage and silage, cotton, hay (including tame and wild), timothy seed, sweetclover seed, dry edible beans, soybeans for beans, cowpeas for peas, peanuts picked and threshed, dry field peas, sorgo for sirup, sugarcane, sugar beets, potatoes, sweetpotatoes, tobacco, broomcorn, artichokes, asparagus, snap beans, lima beans, beets, cabbage, cantaloups (including Honey Dew melons, Honey Ball melons, and miscellaneous melons), carrots, cauliflower, celery, sweet corn, cucumbers, eggplant, lettuce, onions, green peas, peppers, pimientos, spinach, tomatoes, and water-melons. Red clover seed, alsike clover seed, lespedeza seed, and alfalfa seed are included in the count of crops, but the acreage is not included because it is mostly duplicated in the hay acreage. Farm value also includes apples (commercial crop), peaches, pears, grapes, cherries, cranberries, oranges, grapefruit, lemons, (California), limes (Florida), plums (2 States), all prunes, apricots (3 States), figs (2 States), olives (California), almonds (California), walnuts (2 States), pecans, maple products, and hops.

<sup>2</sup> Preliminary.<sup>3</sup> Unrevised. Differs from tables 643 and 644, which show revisions made after December 1947.

Bureau of Agricultural Economics.

TABLE 643.—Total harvested acreage of principal crops, United States, 1929-47  
—Continued

Year	Potatoes	Sweet-potatoes	21 vegetables		Tobacco	Sugar beets	Sorgho for sirup	Sugar-cane, all	Broom-corn	52 crops harvested <sup>4</sup>	52 crops planted or grown <sup>5</sup>	19 fruits and planted nuts (bearing age) <sup>6</sup>
			11 for processing <sup>3</sup>	19 for market <sup>3</sup>								
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres
1929.....	3,030.2	647	1,181	1,343	1,980.0	688	143	314.0	310	355,295	363,028	5,122
1930.....	3,138.9	670	1,375	1,489	2,124.2	776	190	314.5	392	359,896	369,550	5,139
1931.....	3,489.5	854	1,117	1,526	1,988.1	713	313	310.4	314	355,818	370,589	5,157
1932.....	3,568.2	1,059	779	1,578	1,404.6	764	354	365.9	313	361,794	375,471	5,222
1933.....	3,422.6	907	894	1,492	1,739.4	983	360	375.8	277	330,850	373,124	5,238
1934.....	3,599.2	959	1,153	1,677	1,273.1	770	330	413.6	305	294,736	338,965	4,453
1935.....	3,468.8	944	1,454	1,646	1,439.1	763	285	427.4	501	336,050	361,889	4,372
1936.....	2,959.9	769	1,365	1,744	1,440.9	776	245	402.2	309	313,845	360,239	4,330
1937.....	3,054.9	768	1,562	1,664	1,752.8	753	210	450.2	282	338,452	363,020	4,281
1938.....	2,870.1	793	1,394	1,704	1,600.7	925	197	446.9	267	338,445	354,266	4,233
1939.....	2,812.8	728.0	1,154	1,704	1,999.7	918	189	418.9	228	321,884	342,645	4,169
1940.....	2,832.1	647.7	1,394	1,647	1,410.2	912	186	369.7	298	331,506	347,826	4,111
1941.....	2,692.6	730.9	1,664	1,618	1,306.5	755	176	398.7	250	335,310	347,655	4,086
1942.....	2,670.8	687.0	1,997	1,588	1,377.3	954	221	429.9	230	339,307	351,320	4,063
1943.....	3,239.0	856.6	1,958	1,509	1,458.0	550	207	431.9	244	347,771	361,534	4,012
1944.....	2,785.6	726.0	1,984	1,808	1,751.1	555	187	412.3	382	352,538	365,168	3,992
1945.....	2,700.2	671.2	1,943	1,820	1,822.5	713	159	423.4	279	346,486	356,884	4,005
1946.....	2,598.5	676.1	2,062	1,973	1,963.4	802	177	430.8	300	344,932	354,689	4,037
1947 <sup>1</sup> .....	2,111.9	611.4	1,884	1,766	1,845.0	881	162	433.1	226	348,475	357,960	4,079

<sup>1</sup> Preliminary.<sup>2</sup> Asparagus, snap beans, lima beans, beets, cabbage, sweet corn, cucumbers, peas, pimientos, spinach, and tomatoes.<sup>3</sup> Artichokes, asparagus, snap beans, lima beans, beets, cabbage, cantaloupe (including Honey Dew melons, Honey Ball melons, and miscellaneous melons), carrots, cauliflower, celery, cucumbers, eggplant, lettuce, onions, peas, peppers, spinach, tomatoes, and watermelons grown commercially for market. Excludes farm gardens and most market gardens.<sup>4</sup> Totals are for crops shown in preceding columns. Alfalfa seed, red clover seed, alsike clover seed, and lespedeza seed are included in the count of crops, but the acreage is not included because mostly duplicated in the hay acreage; the acreage of peanut hay, largely duplicated in peanuts picked and threshed, has been deducted. Other crops not included are sweet corn for market, some of the less important commercial vegetables (77,100 acres in 1947), farm gardens, most market gardens, hops, spelt, hemp, velvetbeans, various legumes and other crops harvested by livestock, minor crops, and fruits and nuts. The acreages shown include some crops harvested in succession from the same land.<sup>5</sup> Preceding column plus estimates of acreages planted and not harvested because of abandonment, except that an allowance has been made for the grain harvested as hay.<sup>6</sup> Oranges (including tangerines), grapefruit, lemons, apples (all apples, 1929-33; in commercial areas only, 1934-47), peaches, pears, grapes, plums, prunes, apricots, cranberries, strawberries, figs, olives, avocados, almonds, walnuts, filberts, and pecans.

Bureau of Agricultural Economics. Data for 1909-28 (46 crops) in Agricultural Statistics, 1942, table 716. See total planted acreage in table 641.

TABLE 644.—Crops: Acreage and production (average 1936-45), and farm value, United States, annual 1946 and 1947

Crop	Acreage planted			Acreage harvested			Unit	Production			Farm value	
	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>		Average 1936-45	1946	1947 <sup>1</sup>	1946	1947 <sup>1</sup>
Corn, all	1,000 92,914	1,000 89,788	1,000 86,108	1,000 90,083	1,000 88,489	1,000 83,981	Bushels	Thous. 2,439,102	Thous. 3,249,950	Thous. 2,400,952	1,000 \$2,081,927	1,000 \$1,981,927
Wheat, all	1,000 \$66,540	1,000 \$71,536	1,000 \$77,947	1,000 \$77,036	1,000 \$77,075	1,000 \$74,186	do	890,300	1,153,046	1,304,919	1,000 \$2,203,246	1,000 \$2,288,905
Winter	1,000 \$47,464	1,000 \$52,195	1,000 \$58,098	1,000 \$57,036	1,000 \$57,075	1,000 \$54,780	do	653,892	1,007,970	1,007,970	1,000 \$1,650,457	1,000 \$1,650,457
All spring	1,000 19,076	1,000 19,341	1,000 19,879	1,000 16,333	1,000 18,725	1,000 19,406	do	236,413	282,321	296,949	1,000 \$551,911	1,000 \$551,911
Other spring	1,000 2,463	1,000 2,952	1,000 3,068	1,000 2,458	1,000 2,453	1,000 2,225	do	31,847	33,836	43,983	1,000 \$72,172	1,000 \$72,172
Oats	1,000 16,269	1,000 16,463	1,000 16,507	1,000 16,269	1,000 16,463	1,000 16,481	do	204,596	240,485	252,966	1,000 \$479,739	1,000 \$479,739
Barley	1,000 \$14,669	1,000 \$16,549	1,000 \$17,500	1,000 \$17,500	1,000 \$17,500	1,000 \$17,500	do	1,287,562	1,292,257	1,292,257	1,000 \$1,292,257	1,000 \$1,292,257
Rye	1,000 \$5,945	1,000 \$3,396	1,000 \$3,709	1,000 \$3,709	1,000 \$3,709	1,000 \$3,709	do	37,934	18,879	25,977	1,000 \$38,657	1,000 \$38,657
Buckwheat	1,000 \$446	1,000 \$416	1,000 \$559	1,000 \$415	1,000 \$391	1,000 \$218	do	6,954	7,124	7,334	1,000 \$10,517	1,000 \$10,517
Flaxseed	1,000 \$3,182	1,000 \$2,641	1,000 \$4,157	1,000 \$2,807	1,000 \$2,432	1,000 \$4,026	do	25,030	22,585	39,763	1,000 \$91,137	1,000 \$91,137
Peas	1,000 1,259	1,000 1,586	1,000 1,687	1,000 1,239	1,000 1,574	1,000 1,677	do	58,220	72,216	70,345	1,000 \$102,726	1,000 \$102,726
Sorghums for grain	1,000 118	1,000 158	1,000 84	1,000 158	1,000 158	1,000 81	Pounds	151,152	253,092	96,396	1,000 \$8,884	1,000 \$8,884
Sorghums for forage	1,000 8,523	1,000 8,523	1,000 8,523	1,000 8,523	1,000 8,523	1,000 8,523	Bushels	92,124	106,941	96,609	1,000 \$148,753	1,000 \$148,753
Sorghums for silage	1,000 8,523	1,000 8,523	1,000 8,523	1,000 8,523	1,000 8,523	1,000 8,523	Tons	11,583	3,683	3,416	1,000 \$128,758	1,000 \$128,758
Cotton, lint	1,000 \$24,517	1,000 \$18,190	1,000 \$21,500	1,000 \$23,846	1,000 \$17,615	1,000 \$21,269	Bales	12,390	8,640	11,857	1,000 \$1,409,671	1,000 \$1,409,671
Cottonseed	1,000 72,373	1,000 74,173	1,000 75,291	1,000 72,373	1,000 74,173	1,000 75,291	Tons	5,143	3,613	4,681	1,000 \$252,505	1,000 \$252,505
Hay, all	1,000 801	1,000 1,174	1,000 1,021	1,000 801	1,000 1,174	1,000 1,021	Bushels	94,480	100,739	102,500	1,000 \$1,821,533	1,000 \$1,821,533
Red clover seed	1,000 1,433	1,000 2,601	1,000 1,375	1,000 1,433	1,000 2,601	1,000 1,375	do	1,179	1,822	1,699	1,000 \$40,114	1,000 \$40,114
Alfalfa seed	1,000 339	1,000 256	1,000 131	1,000 339	1,000 256	1,000 131	do	1,435	2,142	1,195	1,000 \$33,776	1,000 \$33,776
Sweetclover seed	1,000 746	1,000 935	1,000 756	1,000 746	1,000 935	1,000 756	Pounds	151,154	206,895	153,993	1,000 \$18,924	1,000 \$18,924
Lespedeza seed	1,000 427	1,000 395	1,000 407	1,000 427	1,000 395	1,000 407	Bushels	1,483	1,319	1,617	1,000 \$3,771	1,000 \$3,771
Timothy seed	1,000 145	1,000 145	1,000 145	1,000 145	1,000 145	1,000 145	do	50,302	23,300	20,740	1,000 \$156,550	1,000 \$156,550
Sudan grass seed	1,000 2,034	1,000 1,839	1,000 1,533	1,000 2,034	1,000 1,839	1,000 1,533	Bags	16,312	15,859	17,164	1,000 \$32,003	1,000 \$32,003
Peas, dry edible	1,000 \$11,435	1,000 \$12,551	1,000 \$13,654	1,000 \$11,435	1,000 \$12,551	1,000 \$13,654	do	4,870	6,785	6,513	1,000 \$30,076	1,000 \$30,076
Soybean seed	1,000 \$11,435	1,000 \$12,551	1,000 \$13,654	1,000 \$11,435	1,000 \$12,551	1,000 \$13,654	Bushels	181,886	201,275	181,362	1,000 \$516,353	1,000 \$516,353
Cowpeas for peas	1,000 \$3,531	1,000 \$4,173	1,000 \$4,375	1,000 \$3,531	1,000 \$4,173	1,000 \$4,375	do	3,263	3,263	3,438	1,000 \$14,372	1,000 \$14,372
Peanuts for seed	1,000 \$3,531	1,000 \$4,173	1,000 \$4,375	1,000 \$3,531	1,000 \$4,173	1,000 \$4,375	Tons	1,672	806	433	1,000 \$23,623	1,000 \$23,623
Velvetbeans	1,000 \$2,945	1,000 \$2,147	1,000 \$2,147	1,000 \$2,945	1,000 \$2,147	1,000 \$2,147	do	376,122	484,174	384,407	1,000 \$98,862	1,000 \$98,862
Potatoes	1,000 742	1,000 682	1,000 618	1,000 742	1,000 682	1,000 618	Bushels	64,200	66,424	57,178	1,000 \$144,442	1,000 \$144,442
Sweetpotatoes	1,000 198	1,000 198	1,000 198	1,000 198	1,000 198	1,000 198	Pounds	1,548,389	2,321,763	2,107,763	1,000 \$1,046,442	1,000 \$1,046,442
Sugarbeets for sugar and seed	1,000 293	1,000 311	1,000 311	1,000 293	1,000 311	1,000 311	Gallons	11,537	11,934	9,885	1,000 \$25,381	1,000 \$25,381
Sugarbeets for sugar	1,000 293	1,000 311	1,000 311	1,000 293	1,000 311	1,000 311	Tons	6,049	5,967	5,437	1,000 \$39,579	1,000 \$39,579
Sugar beets	1,000 293	1,000 311	1,000 311	1,000 293	1,000 311	1,000 311	Gallons	20,835	24,460	20,270	1,000 \$37,871	1,000 \$37,871
Maple sugar	1,000 \$840	1,000 \$840	1,000 \$840	1,000 \$840	1,000 \$840	1,000 \$840	Pounds	9,543	10,372	12,305	1,000 \$118,584	1,000 \$118,584
Maple sirup	1,000 \$840	1,000 \$840	1,000 \$840	1,000 \$840	1,000 \$840	1,000 \$840	Gallons	2,381	1,328	2,039	1,000 \$4,378	1,000 \$4,378
Broomcorn	1,000 \$10,942	1,000 \$10,942	1,000 \$10,942	1,000 \$10,942	1,000 \$10,942	1,000 \$10,942	Tons	42	44	33	1,000 \$12,666	1,000 \$12,666
Hops	1,000 \$24,517	1,000 \$24,517	1,000 \$24,517	1,000 \$24,517	1,000 \$24,517	1,000 \$24,517	Pounds	40	40	40	1,000 \$33,361	1,000 \$33,361



TABLE 644.—Crops: Acreage and production (average 1936-45), and farm value, United States, annual 1946 and 1947—Continued

Crop	Acreage planted			Acreage harvested			Unit	Production			Farm value	
	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>		Average 1936-45	1946	1947 <sup>1</sup>	1946	1947 <sup>1</sup>
<b>TRUCK CROPS—continued</b>												
Pimientos for processing	14.1	13.8	16.6	23.2	32.8	30.6	Bushels	11,524	17,572	15,805	12,038	13,664
Shallots	—	—	—	15.0	15.4	16.7	Tons	11,502	11,502	11,502	11,502	11,502
Spinach, total	—	—	—	100.9	103.5	86.0	Bushels	11,502	11,502	11,502	11,502	11,502
For fresh market	30.8	36.0	24.1	70.4	67.5	61.9	Bushels	11,502	11,502	11,502	11,502	11,502
For processing	—	—	—	699.0	864.8	743.0	Tons	11,502	11,502	11,502	11,502	11,502
Tomatoes, total	—	—	—	221.5	294.0	243.9	Bushels	11,502	11,502	11,502	11,502	11,502
For fresh market	—	—	—	477.5	570.8	499.1	Tons	11,502	11,502	11,502	11,502	11,502
For processing	502.5	602.5	516.9	238.5	316.0	291.4	Melons	11,502	11,502	11,502	11,502	11,502
Watermelons	—	—	—	—	—	—	—	—	—	—	—	—
Total of above truck crops	—	—	—	3,382.8	4,108.6	3,694.2	Tons	11,502	11,502	11,502	11,502	11,502
Fresh market	—	—	—	1,741.3	2,045.5	1,844.0	—	11,502	11,502	11,502	11,502	11,502
Processing	1,788.1	2,106.4	1,977.3	1,641.5	2,063.1	1,850.2	—	11,502	11,502	11,502	11,502	11,502
<b>Garlic</b>	—	—	—	—	—	—	—	—	—	—	—	—
Mint	—	—	—	4.0	4.2	4.2	Sacks	167	167	167	167	167
Potatoes, commercial early	—	—	—	32.6	35.5	30.7	Pounds of oil	11,502	11,502	11,502	11,502	11,502
Strawberries	—	—	—	337.1	91.8	116.1	Bushels	11,502	11,502	11,502	11,502	11,502
Total 52 crops <sup>16</sup>	—	—	—	336,554	344,932	348,475	Crates	11,502	11,502	11,502	11,502	11,502
Total 72 crops	—	—	—	—	—	—	—	—	—	—	17 18,098,084	17 20,300,069

<sup>1</sup> Preliminary.<sup>2</sup> Includes acreage planted in preceding fall.<sup>3</sup> Value of "all wheat" differs slightly from sum of wheat by kinds because of rounding of "all wheat" price.<sup>4</sup> Acreage seeded in preceding fall.<sup>5</sup> Acreage in cultivation July 1.<sup>6</sup> Bags of 100 pounds (uncleaned).<sup>7</sup> Values apply to the production of cleaned beans or peas.<sup>8</sup> Acres grown alone, plus one-half the interplanted acres.<sup>9</sup> All trees grown alone.<sup>10</sup> 1,000 trees tapped.<sup>11</sup> Includes some quantities not harvested. Values apply only to the harvested portion of the crop.<sup>12</sup> Estimates of farm value apply to the entire crop, exclusive of that portion donated to charity, and/or eliminated in accordance with provisions of market-price laws.<sup>13</sup> Short-time average.<sup>14</sup> Shelled basis.<sup>15</sup> New York, New Jersey, and Pennsylvania.<sup>16</sup> Excluding crops not harvested, minor crops, duplicated seed acreages, strawberries, and other fruits.<sup>17</sup> Total values do not include revisions made after December 1947, which are shown in this table.

Bureau of Agricultural Economics.

TABLE 645.—*Livestock and livestock products: Production and farm value, United States, average 1936-45, annual 1945-47*

Product	Production <sup>1</sup>				Farm value			
	Average 1936-45	1945	1946	1947 <sup>2</sup>	Average 1936-45	1945	1946	1947 <sup>3</sup>
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Cattle and calves <sup>1</sup> .....	16,692,022	19,345,320	18,781,924	19,087,130	1,536,143	2,352,916	2,735,993	3,562,961
Sheep and lambs <sup>1</sup> .....	2,047,345	1,911,766	1,763,268	1,584,342	181,008	227,319	248,240	289,842
Hogs <sup>1</sup> .....	17,762,432	19,095,526	19,041,127	18,654,437	1,858,801	2,672,024	3,321,243	4,474,190
Chickens <sup>1</sup> .....	3,203,874	4,461,105	3,553,187	3,602,842	642,879	1,203,639	1,031,966	1,014,213
Turkeys.....	508,874	762,487	720,177	629,162	123,344	256,720	261,694	228,562
Milk.....	111,785	121,504	119,713	119,366	2,532,556	3,726,320	4,569,667	4,975,839
Wool (shorn).....	360,384	307,949	280,487	252,798	118,780	129,122	118,639	106,106
Mohair.....	19,451	22,038	19,329	18,476	10,144	12,192	11,603	11,119
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>				
Eggs.....	44,739,000	55,855,000	55,590,000	55,301,000	1,009,096	1,752,137	1,737,640	2,082,206
Horses.....	<sup>4</sup> 569	<sup>4</sup> 483	<sup>4</sup> 386	<sup>4</sup> 350	45,358	30,814	22,039	19,759
Mules.....	<sup>4</sup> 91	<sup>4</sup> 125	<sup>4</sup> 108	<sup>4</sup> 93	9,605	12,937	11,306	10,076

<sup>1</sup> For cattle, sheep, and hogs, the quantity of net production is the live weight actually produced during the year, adjustments having been made for animals shipped in and changes in inventory.

<sup>2</sup> Preliminary.

<sup>3</sup> Including commercial broiler production.

<sup>4</sup> Coming 4 years of age.

Bureau of Agricultural Economics.



TABLE 646.—Index numbers of the volume of agricultural production for sale and for consumption in the farm home, United States, 1929-48

(1935-39=100)

Year	Livestock and products <sup>1</sup>				Crops <sup>2</sup>										All commodity
	Meat animals <sup>3</sup>	Poultry and eggs <sup>4</sup>	Dairy products <sup>5</sup>	All livestock and products <sup>6</sup>	Food grains <sup>7</sup>	Feed grains and hay <sup>8</sup>	Cotton and cotton-seed	Oil-bearing crops <sup>9</sup>	Tobacco	Truck crops <sup>10</sup>	Fruits and tree nuts <sup>11</sup>	Vegetables <sup>12</sup>	Sugar crops <sup>13</sup>	All crops <sup>14</sup>	
1929.....	103	100	93	99	113	103	113	62	105	87	73	90	74	98	99
1930.....	100	106	94	99	109	83	105	68	113	91	89	90	85	96	98
1931.....	103	101	96	100	114	92	123	66	108	83	98	98	78	104	102
1932.....	101	99	97	99	92	113	98	60	70	79	82	100	88	92	96
1933.....	108	100	98	103	69	82	98	45	94	76	81	93	100	85	96
1934.....	117	96	98	106	64	41	74	57	74	88	86	101	82	72	93
1935.....	90	92	98	93	81	91	81	96	89	92	95	104	89	80	91
1936.....	103	99	99	101	79	58	95	72	80	96	81	88	94	82	94
1937.....	96	101	99	98	115	112	144	86	108	102	113	107	96	117	106
1938.....	102	101	102	102	124	115	91	103	95	104	100	102	114	105	103
1939.....	109	108	102	106	101	124	89	143	129	106	111	99	106	107	106
1940.....	118	109	105	112	110	114	95	171	101	111	110	101	104	107	110
1941.....	118	116	110	115	131	125	83	187	87	116	113	100	97	109	113
1942.....	132	131	114	126	139	129	98	300	97	129	117	104	110	121	124
1943.....	150	152	113	137	116	125	87	325	97	124	108	125	81	114	128
1944.....	155	153	115	141	148	153	94	270	135	137	123	106	81	128	136
1945.....	147	163	119	140	155	144	68	291	137	142	112	110	94	122	133
1946.....	145	153	120	137	164	172	66	277	100	158	133	128	103	135	136
1947.....	144	150	120	136	197	131	93	299	145	141	126	108	110	135	136
1948 <sup>15</sup> .....	135	148	117	131	184	188	117	356	131	142	123	122	89	149	138

<sup>1</sup> Volume of sales and home consumption during the calendar year.<sup>2</sup> Total crop production, minus quantities retained for feed or seed and quantities not harvested or lost.<sup>3</sup> Cattle and calves, hogs, sheep and lambs, and their products.<sup>4</sup> Chicken eggs, commercial broilers, chickens, and turkeys.<sup>5</sup> Farm butter, cream, wholesale milk, and retail milk.<sup>6</sup> Also includes wool and mohair.<sup>7</sup> Wheat, rye, rice and buckwheat.<sup>8</sup> Corn, oats, barley, grain sorghums, and hay.<sup>9</sup> Soybeans, peanuts, and flaxseed.<sup>10</sup> For fresh consumption (artichokes, asparagus, lima beans, snap beans, beets, cabbage, cantaloups, carrots, cauliflower, celery, cucumbers, eggplant, lettuce, onions, peas, peppers, spinach, tomatoes, and watermelons), and for processing (asparagus, lima beans, snap beans, beets, cabbage, sweet corn, cucumbers, peas, spinach, and tomatoes).<sup>11</sup> Apples, peaches, pears, grapes, cherries, apricots, strawberries, cranberries, oranges, grapefruit, lemons, olives, dried figs, plums, dried prunes, almonds, walnuts, and pecans.<sup>12</sup> Dry edible beans, potatoes, and sweetpotatoes.<sup>13</sup> Sugar beets, sugarcane for sugar, sugarcane sirup, sorgo sirup, and maple sugar and sirup.<sup>14</sup> Also includes cowpeas and hops.<sup>15</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1909-28 in Agricultural Statistics, 1946, table 612. See companion table 647 in this book.

TABLE 647.—Index numbers of gross farm production, farm output, and production, by groups of products, United States, 1929-47<sup>1</sup>

[1935-39=100]

Year	Gross farm production <sup>2</sup>	Farm output <sup>3</sup>	Farm produced power <sup>4</sup>	Product added by livestock <sup>5</sup>		Crops and pasture									
				All livestock	Livestock, horses and mules excluded	All crops and pasture <sup>6</sup>	Feed grains, hay, and pasture <sup>7</sup>	Food grains <sup>8</sup>	Truck crops <sup>9</sup>	Vegetables except truck crops <sup>10</sup>	Fruits and tree nuts	Sugar crop <sup>11</sup>	Cotton and cotton-seed	Tobacco	Oil crops <sup>12</sup>
1929.....	101	97	124	101	97	100	103	106	86	92	86	72	113	103	60
1930.....	98	95	120	102	99	96	94	115	86	94	84	83	106	112	66
1931.....	105	104	116	103	101	106	103	122	86	104	106	78	130	105	64
1932.....	102	101	112	103	101	102	113	98	86	104	86	91	98	68	59
1933.....	95	93	109	104	103	92	96	72	89	97	87	102	99	94	47
1934.....	82	79	107	98	97	76	72	69	86	111	82	84	73	74	58
1935.....	97	96	105	95	94	97	103	84	94	107	104	90	81	90	98
1936.....	87	85	103	100	99	83	77	83	93	90	81	95	94	80	74
1937.....	107	108	100	99	98	110	106	115	97	106	108	96	144	107	86
1938.....	104	105	97	101	101	105	108	120	106	101	97	114	91	94	102
1939.....	105	106	95	105	108	105	106	98	110	96	110	105	90	129	140
1940.....	108	110	92	107	110	108	111	107	111	102	108	102	96	99	165
1941.....	111	114	90	113	117	111	116	121	112	103	115	98	81	85	182
1942.....	123	128	87	123	130	123	129	126	118	108	117	110	97	96	287
1943.....	120	125	84	131	139	116	122	109	114	131	101	81	87	96	300
1944.....	124	130	80	129	138	122	124	136	122	110	120	80	93	133	255
1945.....	123	129	76	130	139	120	124	142	125	111	111	94	69	136	274
1946.....	126	134	71	125	135	127	128	146	141	128	131	103	66	159	265
1947 <sup>13</sup> .....	121	129	64	124	135	120	109	173	128	108	126	108	89	149	281

<sup>1</sup> Average 1935-39 farm prices in each geographic division were used as weights in constructing indexes for each geographic division. United States totals were obtained by summing the geographic division quantity-price aggregates.

<sup>2</sup> The index of gross farm production measures calendar-year production of all crops and pasture consumed by all livestock, and the product added in the conversion of feed and pasture into livestock and livestock products for human use and into farm-produced horse and mule power.

<sup>3</sup> Farm output is gross farm production minus farm-produced power of horses and mules. The index of farm output measures calendar-year production of farm products for human use.

<sup>4</sup> Farm-produced power production is equal to the estimated cost (including depreciation) at 1935-39 average prices of raising and maintaining farm horses and mules each year. Farm-produced power production includes the feed and pasture consumed by horses and mules, and the product added in converting this feed and pasture into animal power.

<sup>5</sup> Products added by livestock was derived by subtracting the estimated value, at 1935-39 average prices, of all feed (including commercial feeds) and pasture consumed by each class of livestock from the total value, at 1935-39 average prices, of livestock and livestock products.

<sup>6</sup> Includes some miscellaneous crop production not included in separate crop groups shown.

<sup>7</sup> Corn, oats, barley, grain sorghum, tame hay, wild hay, sorghum for forage, and estimated pasture consumed by all livestock.

<sup>8</sup> Wheat, rye, rice, and buckwheat.

<sup>9</sup> Commercial truck crops for fresh market shipment (except commercial early Irish potatoes and strawberries) and processing, market gardens, and farm gardens.

<sup>10</sup> Potatoes (Irish), sweetpotatoes, dry edible beans, and dry peas.

<sup>11</sup> Sugar beets, sugarcane for sugar and seed, sugarcane sirup, sorgo sirup, maple sugar, and maple sirup.

<sup>12</sup> Soybeans for beans, peanuts, and flaxseed.

<sup>13</sup> Preliminary.

Bureau of Agricultural Economics. Gross farm production and total farm output cover all production of the calendar year without duplication, but allowances have been set up for production not regularly reported in the available statistical series.

TABLE 648.—Index numbers of gross farm production, by geographic divisions, 1929-47<sup>1</sup>

[1935-39=100]

Year	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific	United States
1929	96	91	90	124	93	98	102	106	84	101
1930	99	92	86	123	91	85	94	111	88	98
1931	99	100	100	115	97	107	123	97	85	105
1932	96	95	99	127	79	90	111	101	88	102
1933	98	95	87	107	91	93	99	97	85	95
1934	97	95	81	71	87	91	77	85	86	82
1935	97	101	98	100	97	90	91	95	95	97
1936	98	94	86	76	90	92	86	92	97	87
1937	104	103	105	105	106	117	118	100	103	107
1938	98	101	104	109	98	104	103	110	103	104
1939	103	101	107	110	109	97	102	103	102	105
1940	104	102	105	117	108	96	110	111	107	108
1941	105	102	112	126	99	104	106	122	109	111
1942	114	109	119	148	112	113	116	129	114	123
1943	123	103	115	144	111	111	109	134	116	120
1944	116	108	116	145	121	113	120	132	123	124
1945	119	108	121	144	123	113	104	130	121	123
1946	124	118	124	148	128	109	104	129	132	126
1947 <sup>2</sup>	120	111	111	133	125	110	114	136	130	121

<sup>1</sup> The indexes measure total crop production, pasture consumed by all livestock, and the product added in the conversion of feed and pasture into livestock and livestock products for human use and into farm-produced horse and mule power. The product-added method of combining crop and livestock production credits crop production to the geographic division in which the feed was grown, and credits livestock "manufacturing" production (product added) to the geographic division in which the feed was fed. Product added by livestock was derived by subtracting the estimated value, at 1935-39 average prices, of feed and pasture consumed by each class of livestock from the total value, at 1935-39 average prices, of livestock and livestock products.

The indexes of gross farm production measure calendar-year total production of each geographic division.

<sup>2</sup> Preliminary.

Bureau of Agricultural Economics.

TABLE 649.—Index numbers of farm output, by geographic divisions, 1929-47<sup>1</sup>

[1935-39=100]

Year	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific	United States
1929	92	88	87	121	90	96	98	102	82	97
1930	96	90	82	121	89	80	89	108	87	95
1931	96	99	99	113	96	108	124	93	83	104
1932	93	94	98	127	76	88	110	98	87	101
1933	96	94	85	105	90	92	97	94	84	93
1934	96	94	78	65	85	89	72	82	85	79
1935	96	100	97	99	97	88	88	93	95	96
1936	98	93	84	72	89	91	84	91	96	85
1937	104	103	106	105	107	120	121	100	103	108
1938	98	102	104	111	97	105	105	112	103	105
1939	104	102	109	113	110	96	102	104	103	106
1940	105	103	107	122	109	95	113	113	108	110
1941	107	104	116	132	99	104	109	125	110	114
1942	117	112	124	158	114	115	121	133	116	128
1943	127	106	120	154	113	113	113	139	117	125
1944	120	112	122	156	125	117	127	137	125	130
1945	123	113	128	155	127	116	109	136	124	129
1946	129	124	132	160	133	113	109	136	135	134
1947 <sup>2</sup>	125	117	119	145	131	115	123	144	133	129

<sup>1</sup> See footnote 1, table 648. Farm output is gross farm production minus farm-produced power of horses and mules. Farm-produced power production is equal to the estimated cost (including depreciation) at 1935-39 average prices of raising and maintaining farm horses and mules each year. Farm-produced power production includes all feed and pasture consumed by horses and mules, and the product added in converting this feed and pasture into animal power.

The indexes of farm output measure calendar-year production of farm products for human use in each geographic division.

<sup>2</sup> Preliminary.

Bureau of Agricultural Economics.

TABLE 650.—*Index numbers of industrial production in selected lines and income of industrial workers, United States, 1929-47*

[1935-39=100]

Year	Iron and steel	Lumber	Machinery	Chemicals	Shoes	Bituminous coal	Crude petroleum	Income of industrial workers <sup>1</sup>
1929.....	133	152	130	89	89	135	86	134
1930.....	97	110	100	87	75	118	77	110
1931.....	61	74	66	78	78	96	73	84
1932.....	32	49	43	68	77	78	67	58
1933.....	54	64	50	76	86	84	77	61
1934.....	61	65	69	83	88	90	78	76
1935.....	81	86	83	89	95	94	85	86
1936.....	114	105	105	99	102	110	94	100
1937.....	123	111	126	112	102	112	109	117
1938.....	68	92	82	96	96	88	104	91
1939.....	114	106	104	112	105	99	108	105
1940.....	147	115	136	130	100	116	116	119
1941.....	186	129	221	176	123	129	120	169
1942.....	199	130	340	278	119	145	118	241
1943.....	208	119	443	384	114	147	128	322
1944.....	206	115	439	324	114	156	143	<sup>2</sup> 336
1945.....	183	98	343	284	119	144	146	<sup>2</sup> 291
1946.....	150	122	240	236	131	133	148	<sup>2</sup> 275
1947 <sup>3</sup> .....	195	132	277	251	116	155	150	332

<sup>1</sup> Computed from pay-roll data (factory and mining), as reported by the Bureau of Labor Statistics, and compensation of railway employees, from reports of the Interstate Commerce Commission.

<sup>2</sup> Preliminary.

<sup>3</sup> Revised.

Bureau of Agricultural Economics. Compiled from records of Federal Reserve System except where noted. Data for 1923-28 in Agricultural Statistics, 1946, table 610.

TABLE 651.—Nutrients available for consumption per capita per day, United States, 1930-48<sup>1</sup>

Year	Food energy	Protein	Fat	Carbohydrate	Calcium	Iron	Vitamin A value	Thiamine	Riboflavin	Niacin	Ascorbic acid
	Calories	Grams	Grams	Grams	Grams	Milli-grams	International units	Milli-grams	Milli-grams	Milli-grams	Milli-grams
1930.....	3,460	91	134	471	0.87	14.0	7,600	1.63	1.83	15.4	101
1931.....	3,400	90	135	456	0.86	13.9	7,900	1.65	1.86	15.8	110
1932.....	3,290	87	133	435	0.86	13.5	8,200	1.62	1.83	15.4	109
1933.....	3,250	86	133	427	0.85	13.5	8,000	1.59	1.80	15.3	105
1934.....	3,270	89	133	426	0.85	13.9	8,100	1.59	1.82	16.1	108
1935.....	3,170	85	125	427	0.87	13.5	8,200	1.47	1.78	14.9	115
1936.....	3,270	90	130	432	0.88	13.8	7,800	1.52	1.84	15.6	108
1937.....	3,240	89	132	426	0.89	13.7	8,100	1.50	1.84	15.3	112
1938.....	3,260	91	133	426	0.91	13.9	8,200	1.56	1.89	15.5	118
1939.....	3,330	91	138	428	0.93	14.3	8,300	1.61	1.92	15.8	121
1935-39 average....	3,250	89	132	428	0.90	13.8	8,100	1.54	1.86	15.4	115
1940.....	3,350	93	142	424	0.93	13.9	8,200	1.69	1.93	16.4	120
1941 <sup>2</sup> .....	3,430	93	143	443	0.95	14.9	8,500	1.78	1.95	16.9	122
1942 <sup>2</sup> .....	3,360	95	139	430	1.00	15.8	9,000	1.96	2.06	17.5	127
1943 <sup>2</sup> .....	3,420	100	144	430	1.02	16.9	9,200	2.21	2.21	19.5	126
1944 <sup>2</sup> .....	3,470	100	145	440	1.04	18.5	9,400	2.28	2.48	21.6	132
1945 <sup>2</sup> .....	3,370	103	138	428	1.08	19.0	9,800	2.47	2.55	21.9	139
1946 <sup>2</sup> .....	3,380	100	145	418	1.12	18.7	9,300	2.27	2.56	21.5	136
1947 <sup>2</sup> .....	3,350	98	142	425	1.07	18.1	8,700	2.14	2.43	20.5	130
1948 <sup>2</sup> .....	3,300	96	141	414	1.05	17.2	8,700	2.07	2.37	19.7	128

## Index Numbers (1935-39=100)

Year	Food energy	Protein	Fat	Carbohydrate	Calcium	Iron	Vitamin A value	Thiamine	Riboflavin	Niacin	Ascorbic acid
1930.....	106	102	102	110	97	101	94	106	98	100	88
1931.....	105	101	102	107	96	101	98	107	100	103	96
1932.....	101	98	101	102	96	98	101	105	98	100	95
1933.....	100	97	101	100	94	98	99	103	97	99	91
1934.....	101	100	101	100	94	101	100	103	98	105	94
1935.....	98	96	95	100	97	98	101	95	96	97	100
1936.....	101	101	98	101	98	100	96	99	99	101	94
1937.....	100	100	100	100	99	99	100	97	99	99	97
1938.....	100	102	101	100	101	101	101	101	102	101	103
1939.....	102	102	105	100	103	104	102	105	103	103	105
1940.....	103	104	108	99	103	101	101	110	104	106	104
1941 <sup>2</sup> .....	106	104	108	104	106	108	105	116	105	110	106
1942 <sup>2</sup> .....	103	107	105	100	111	114	111	127	111	114	110
1943 <sup>2</sup> .....	105	112	109	100	113	122	114	144	119	127	110
1944 <sup>2</sup> .....	107	112	110	103	116	134	116	148	133	140	115
1945 <sup>2</sup> .....	104	116	105	100	120	138	121	145	137	142	121
1946 <sup>2</sup> .....	104	112	110	98	124	136	115	147	138	140	118
1947 <sup>2</sup> .....	104	110	108	99	119	131	107	139	131	133	113
1948 <sup>2</sup> .....	102	108	107	97	117	125	107	134	127	128	111

<sup>1</sup> Quantities of nutrients computed by Bureau of Human Nutrition and Home Economics on the basis of estimates of apparent consumption (retail basis), including estimates of foods supplied by farm and city gardens, prepared by Bureau of Agricultural Economics. No deductions have been made in the nutrient estimates for the loss or waste of food in the home or for destruction or loss of nutrients during the preparation of food.

In 1942-46, the data for iron, thiamine, riboflavin, and niacin include the amounts of these nutrients added to prepared cereals and to white flour (or bread) under the enrichment program. For 1947 and 1948, enrichment was estimated to be the same as in 1946.

<sup>2</sup> Civilian only.

<sup>3</sup> Preliminary.

Bureau of Human Nutrition and Home Economics. Data for 1909-29 in Agricultural Statistics, 1946, tables 625 and 626.

TABLE 652.—Farmers' cooperative marketing and purchasing associations: Number,<sup>1</sup> estimated membership,<sup>2</sup> and estimated business,<sup>3</sup> United States, 1936-46

Year <sup>4</sup>	Marketing associations			Purchasing associations			Total		
	Associations listed	Estimated membership	Estimated business	Associations listed	Estimated membership	Estimated business	Associations listed	Estimated membership	Estimated business
	Number	1,000 members	1,000 dollars	Number	1,000 members	1,000 dollars	Number	1,000 members	1,000 dollars —
1936 <sup>5</sup> .....	8,142	2,414	\$1,882,600	2,601	856	\$313,400	10,743	3,270	\$2,196,000
1937.....	8,300	2,500	\$2,050,000	2,600	900	\$350,000	10,900	3,400	\$2,400,000
1938.....	8,100	2,410	\$1,765,000	2,600	890	\$335,000	10,700	3,300	\$2,100,000
1939.....	8,051	2,300	\$1,729,000	2,649	900	\$358,000	10,700	3,200	\$2,087,000
1940.....	7,943	2,420	\$1,911,000	2,657	960	\$369,000	10,600	3,400	\$2,280,000
1941.....	7,824	2,430	\$2,360,000	2,726	1,170	\$480,000	10,550	3,600	\$2,840,000
1942.....	7,708	2,580	\$3,180,000	2,742	1,270	\$600,000	10,450	3,850	\$3,780,000
1943.....	7,522	2,730	\$4,430,000	2,778	1,520	\$730,000	10,300	4,250	\$5,160,000
1944.....	7,400	2,895	\$4,835,000	2,750	1,610	\$810,000	10,150	4,505	\$5,645,000
1945.....	7,378	3,150	\$5,147,000	2,772	1,860	\$923,000	10,150	5,010	\$6,070,000
1946.....	7,268	3,378	\$6,005,000	2,857	2,058	\$1,111,000	10,125	5,436	\$7,116,000

<sup>1</sup> Includes independent local associations, federations, large-scale centralized associations, and sales agencies.

<sup>2</sup> The membership estimates include members, contract members, and shareholders, but do not include patrons not in these categories. (There is some duplication in these membership figures due to the fact that some farmers belong to more than one association.)

<sup>3</sup> Includes the value of commodities sold or purchased for patrons and the service charges for associations rendering other essential service either in marketing or purchasing.

<sup>4</sup> Reports of associations are included either for the calendar year or for fiscal periods beginning within the calendar year shown. The latter are classified with that calendar year in which most of the business occurred.

<sup>5</sup> Data for 1936 season are from a survey made by the Farm Credit Administration in cooperation with the district banks for cooperatives and 33 State Agricultural Colleges.

<sup>6</sup> After making adjustments for the purchasing business of the marketing associations and the marketing business of the purchasing associations, it is estimated that the total purchasing business was about as follows: 1936 season, \$313,400,000; 1937 season, \$440,000,000; 1938 season, \$416,000,000; 1939 season, \$448,200,000; 1940 season, \$450,000,000; 1941 season, \$600,000,000; 1942 season, \$750,000,000; 1943 season, \$1,010,000,000; 1944 season, \$1,095,000,000; 1945 season, approximately \$1,220,000,000; 1946 season, \$1,452,000,000.

Farm Credit Administration. Based on records from associations reporting to the Administration.

TABLE 653.—Farmers' cooperative marketing and purchasing associations: Number, estimated membership, and estimated business, by commodity groups, 1945 and 1946<sup>1</sup>

Commodity group	Associations listed <sup>2</sup>		Estimated membership <sup>3</sup>		Estimated business <sup>4,5</sup>	
	1945	1946	1945	1946	1945	1946
	Number	Number	Number	Number	1,000 dollars	1,000 dollars
<b>Marketing:</b>						
Cotton and cotton products <sup>6</sup> .....	529	525	285,000	284,000	176,500	123,700
Dairy products.....	2,210	2,132	739,000	746,000	1,428,000	1,746,000
Fruits and vegetables.....	921	937	177,000	168,000	815,000	826,000
Grain including dry beans and rice.....	2,256	2,224	536,000	602,000	1,495,000	1,918,000
Livestock.....	618	572	800,000	860,000	705,000	790,000
Nuts.....	43	41	62,700	65,000	176,500	59,000
Poultry and products.....	153	148	127,000	127,000	213,000	225,000
Tobacco.....	13	15	150,000	239,800	24,100	70,400
Wool and mohair.....	130	127	116,000	109,000	34,000	34,000
Miscellaneous products <sup>6</sup> .....	505	547	157,300	177,200	79,900	102,900
Total marketing.....	7,378	7,268	3,150,000	3,378,000	5,147,000	6,005,000
<b>Purchasing.....</b>	2,772	2,857	1,860,000	2,058,000	923,000	1,111,000
Total marketing and purchasing.....	10,150	10,125	5,010,000	5,436,000	6,070,000	7,116,000

<sup>1</sup> Reports of associations are included either for the calendar year or for fiscal periods beginning within the calendar year shown. The latter are classified with that calendar year in which most of the business occurred.

<sup>2</sup> Includes independent local associations, federations, large-scale centralized associations, sales agencies.

<sup>3</sup> Includes members, contract members, and shareholders, but does not include patrons not in these categories. (There is some duplication in these membership figures due to the fact that some farmers belong to more than one association.)

Footnotes continued at bottom of page 570.

TABLE 654.—Farmers' cooperative marketing and purchasing associations: Number, estimated membership, and estimated business,<sup>1</sup> by States, 1946<sup>2</sup>

State and division	Associations listed <sup>3</sup>	Estimated membership <sup>4</sup>	Estimated business	State and division	Associations listed <sup>3</sup>	Estimated membership <sup>4</sup>	Estimated business
	Number	Number	1,000 dollars		Number	Number	1,000 dollars
Maine.....	33	7,930	20,400	South Carolina.....	26	9,650	9,230
New Hampshire.....	13	5,970	17,560	Georgia.....	66	112,000	37,600
Vermont.....	39	12,460	28,600	Florida.....	89	6,130	95,800
Massachusetts.....	38	86,480	137,650				
Rhode Island.....	4	1,400	2,680	South Atlantic.....	472	592,000	346,210
Connecticut.....	30	8,400	23,600				
New England.....	157	120,640	230,490	Kentucky.....	60	149,050	77,490
				Tennessee.....	77	104,660	30,400
New York.....	392	177,640	410,050	Alabama.....	69	76,220	14,400
New Jersey.....	59	33,160	69,320	Mississippi.....	105	45,230	62,410
Pennsylvania.....	186	95,060	149,110	East South Central..	311	375,160	184,700
Middle Atlantic.....	637	305,860	628,480				
Ohio.....	312	238,460	327,140	Arkansas.....	82	13,450	31,860
Indiana.....	172	229,800	256,330	Louisiana.....	58	19,110	43,160
Illinois.....	612	540,670	508,740	Oklahoma.....	198	113,150	156,830
Michigan.....	258	149,800	208,190	Texas.....	514	168,140	226,510
Wisconsin.....	943	303,500	381,950	West South Central..	852	313,850	458,360
East North Central..	2,297	1,462,230	1,682,350				
Minnesota.....	1,306	567,100	674,420	Montana.....	191	44,540	66,120
Iowa.....	730	327,000	441,400	Idaho.....	119	71,500	75,600
Missouri.....	294	303,530	270,960	Wyoming.....	29	10,400	14,130
North Dakota.....	581	156,200	213,330	Colorado.....	121	58,150	79,600
South Dakota.....	301	100,450	124,820	New Mexico.....	26	7,170	9,280
Nebraska.....	429	167,700	229,440	Arizona.....	16	39,510	9,320
Kansas.....	350	100,790	231,750	Utah.....	69	29,380	70,130
				Nevada.....	7	410	640
West North Central	3,991	1,731,770	2,186,120	Mountain.....	578	261,060	324,840
Delaware.....	12	6,040	3,700				
Maryland.....	62	36,830	38,890	Washington.....	201	99,790	255,670
District of Columbia..	1	1,460	20,200	Oregon.....	150	69,300	141,450
Virginia.....	130	229,540	87,710	California.....	479	104,340	677,330
West Virginia.....	47	25,030	6,000	Pacific.....	830	273,430	1,074,450
North Carolina.....	39	165,320	47,080				
				United States.....	10,125	5,436,000	7,116,000

<sup>1</sup> Estimated membership and estimated business for each association is credited to the State in which the association has its headquarters.

<sup>2</sup> Reports of associations are included either for the calendar year or for fiscal periods beginning with the calendar year shown. The latter are classified with that calendar year in which most of the business occurred.

<sup>3</sup> Includes independent local associations, federations, large-scale centralized associations, and sales agencies.

<sup>4</sup> Includes members, contract members, and shareholders, but does not include patrons not in these categories. (There is some duplication in these membership figures, due to the fact that some farmers belong to more than one association.)

Farm Credit Administration.

#### FOOTNOTES FOR TABLE 653—Continued

<sup>4</sup> Includes some intra-association business.

<sup>5</sup> Includes the value of commodities sold or purchased for patrons and the service charges for associations rendering other essential services either in marketing or purchasing.

<sup>6</sup> Includes ginned cotton, cottonseed, cottonseed oil, cottonseed meal, etc.

<sup>7</sup> Includes some Government loan cotton.

<sup>8</sup> Includes associations handling commodities not specified above, those handling several types of commodities, and those furnishing special services.

<sup>9</sup> After adjustments for purchasing business by the marketing associations and marketing business by the purchasing associations, the totals for purchasing business are: 1945, approximately, \$1,220,000,000; 1946, \$1,452,000,000.

Farm Credit Administration. Data for 1939-43 in Agricultural Statistics, 1945, table 651, and for 1944 in Agricultural Statistics, 1947, table 718.



TABLE 655.—Farmers' cooperatives: Type, number, and membership

Type	Year or date of data	Associa- tions	Estimated members or partici- pants
		<i>Number</i>	<i>Number</i>
<b>Production:</b>			
Mutual irrigation companies <sup>1</sup>	1940	4,356	148,294
FSA-financed service cooperatives <sup>2</sup>	Aug. 1945	243	117,000
Dairy-herd-improvement associations <sup>3</sup>	Jan. 1947	1,426	28,812
Dairy-bull associations <sup>4</sup>	Jan. 1947	140	2,296
Cooperative dairy-cattle artificial breeding associations <sup>5</sup>	Jan. 1947	608	140,571
Grazing associations <sup>6</sup>	1946	40	1,672
Indian enterprises <sup>7</sup>	Oct. 1946	<sup>8</sup> 225	12,192
<b>Marketing and purchasing:</b>			
Marketing <sup>9</sup>	1946-47	<sup>8</sup> 7,268	3,378,000
Purchasing <sup>9</sup>	1946-47	<sup>8</sup> 2,851	2,058,000
FSA-financed marketing associations <sup>2</sup>	Aug. 1945	245	44,000
FSA-financed purchasing associations <sup>2</sup>	Aug. 1945	80	14,000
FSA-financed purchasing and marketing associations <sup>2</sup>	Aug. 1945	546	70,000
<b>Financing:</b>			
National farm loan associations <sup>7</sup>	July 1, 1947	1,279	325,000
Production credit associations <sup>7</sup>	June 30, 1947	504	403,642
Banks, for cooperatives <sup>7</sup>	June 30, 1947	13	<sup>10</sup> 2,239,134
Rural credit unions <sup>11</sup>	1944	680	100,000
<b>Insurance:</b>			
Farmers' mutual fire insurance companies <sup>12</sup>	1944	1,883	3,500,000
<b>Public services:</b>			
Mutual telephone companies <sup>13</sup>	1937	32,879	669,344
Electric power and light associations <sup>14</sup>	Dec. 31, 1946	795	1,595,000
<b>Miscellaneous:</b>			
Farmers' burial associations <sup>15</sup>	1946	44	37,700

<sup>1</sup> Sixteenth Census of the United States, 1940.<sup>2</sup> Farm Security Administration, (now Farmers Home Administration), Department of Agriculture. Includes currently-operating associations. Small, informal, unincorporated groups of farmers, designated as "group service" organizations are not included.<sup>3</sup> Bureau of Dairy Industry, Department of Agriculture.<sup>4</sup> Grazing Service, Department of Interior.<sup>5</sup> Office of Indian Affairs, Department of Interior.<sup>6</sup> There are 264 other Indian Corporate and Tribal Enterprises.<sup>7</sup> Farm Credit Administration, Department of Agriculture.<sup>8</sup> Includes a few Farm Security Administration associations.<sup>9</sup> Doing about an equal amount of marketing and of purchasing.<sup>10</sup> Members and other patrons of associations borrowing from banks for cooperatives.<sup>11</sup> Estimates based on Bul. 850, Bureau of Labor Statistics, Department of Labor.<sup>12</sup> Bureau of Agricultural Economics, Department of Agriculture.<sup>13</sup> Census of Electrical Industries, 1937, Bureau of the Census. Number of associations includes 2,067 companies with switchboards and 30,812 without switchboards. Number of participants estimated from number of telephones, assuming 1 patron per telephone.<sup>14</sup> Rural Electrification Administration, Department of Agriculture.<sup>15</sup> Bureau of Labor Statistics, Department of Labor.

Farm Credit Administration.

TABLE 656.—*Purchase and indemnity operations to encourage the exportation and domestic consumption of agricultural commodities, years ended June 30, 1947 and 1948*

Commodity	Year ended June 30, 1947 <sup>1</sup>	Year ended June 30, 1948	Commodity	Year ended June 30, 1947 <sup>1</sup>	Year ended June 30, 1948
	1,000 dollars	1,000 dollars		1,000 dollars	1,000 dollars
Direct distribution (purchases):..	10,608	13,141	Direct distribution (purchases):..		
Eggs.....			Vegetables (continued):..		
Fruits:			Sauerkraut, canned.....	35	
Apples, fresh.....		1,952	Spinach.....	153	
Figs, dried.....		1,125	Tree nuts.....		1,098
Fruits, dried.....		6,452			
Fruits, canned.....		2,000	Total.....	16,377	40,677
Grapefruit juice, canned.....	14	3,141			
Orange juice, canned.....		1,400	Indemnity payments:		
Pears, fresh.....		248	Cotton (diversion).....	1,688	592
Honey.....		848	Cotton (export).....	32,863	2,044
Vegetables:			Eggs (export).....		7,085
Beans, snap.....	4	111	Fruits, dried (export).....		2,766
Beets, topped.....	116	13	Pears, fresh (diversion).....		28
Cabbage.....	114	44	Potatoes, Irish (diversion).....	19,964	10,595
Carrots.....	17		Potatoes, Irish (export).....	1,143	
Onions.....	264		Tobacco (export).....		10,080
Potatoes, Irish.....	4,961	8,081			
Sweet potatoes.....	1	987	Total.....	55,658	33,200
			Grand total.....	72,035	73,877

<sup>1</sup> Revised as of June 30, 1948.

Production and Marketing Administration. Operations carried on under Sec. 32 of Public Law 320, 74th Cong.; (7 U.S.C., 1940 ed., 612c), Aug. 24, 1935; 49 Stat. 774.

TABLE 657.—*School-lunch programs: Quantity and cost of Federal assistance, 1936-48*

Year ending June—	Direct distribution				Indemnity plan <sup>4</sup>	School milk <sup>5</sup>
	Section 32 <sup>1</sup>		Section 6 <sup>2</sup>			
	Quantity	Cost <sup>3</sup>	Quantity	Cost <sup>3</sup>	Cost <sup>3</sup>	Cost <sup>3</sup>
	1,000 pounds	1,000 dollars	1,000 pounds	1,000 dollars	1,000 dollars	1,000 dollars
1936.....	6,174	244				
1937.....	4,871	171				
1938.....	16,842	575				
1939.....	28,735	1,325				
1940.....	92,904	3,962				
1941.....	340,780	13,119				592
1942.....	454,603	21,859				1,474
1943.....	275,659	17,563			975	4,826
1944.....	92,776	7,814			26,585	
1945.....	94,390	5,796			42,048	
1946.....	76,622	5,834			51,292	
1947.....	111,242	2,313	40,108	5,735	59,896	
1948.....	202,665	19,341	80,648	13,438	54,000	

<sup>1</sup> Distribution, without charge to recipients, of food commodities acquired by the Government and distributed under provisions of Section 32, Public Law 320, 74th Congress, approved August 24, 1935, as amended.<sup>2</sup> Distribution of commodities acquired by the Government and distributed under provisions of Section 6 of the National School Lunch Act, Public Law 396, 79th Congress, approved June 4, 1946.<sup>3</sup> Total cost to the Government of the commodity as delivered to the distributing agency; includes cost of purchase, handling, warehousing, and transportation, but does not include costs of administration of the program.<sup>4</sup> A subsidy program to expand markets for agricultural products, maintain outlets for Section 32 commodities, and support school-lunch programs. Sponsors of school-lunch programs are reimbursed by the Government for local purchases of food on a basis of the quality and quantity of meals served. The program was started in February 1943. The figure for 1947 does not include the

See footnotes continued on page 574.

TABLE 658.—*Federal food distribution program: Quantity of food distributed to institutions and welfare cases, and Federal cost, 1936-48*

Year ending June—	Direct distribution <sup>1</sup>		Food stamp program <sup>2</sup>		Relief milk program <sup>3</sup>	
	Quantity	Cost <sup>4</sup>	Quantity	Cost <sup>4</sup>	Quantity	Cost <sup>4</sup>
	1,000 pounds	1,000 dollars	1,000 pounds	1,000 dollars	1,000 half pints	1,000 dollars
1936.....	634,665	31,792				
1937.....	600,137	31,205				
1938.....	1,021,351	35,375				
1939.....	1,941,344	66,264	1,457	124		
1940.....	1,694,890	57,674	229,190	16,414	149,194	692
1941.....	2,169,059	66,684	1,372,050	82,820	275,296	1,519
1942.....	822,251	26,146	1,926,443	111,616	261,246	2,395
1943.....	296,983	15,447	851,987	49,129	161,202	1,734
1944.....	189,616	11,753				
1945.....	105,600	7,043				
1946.....	74,130	1,852				
1947.....	139,750	2,873				
1948.....	180,191	13,742				

<sup>1</sup> Distribution, without charge to recipients, of food commodities acquired by the Government and distributed under provisions of Section 32, Public Law 320, 74th Congress, approved August 24, 1935, as amended. Distribution to ultimate eligible recipients is accomplished through cooperating distribution agencies in States.

<sup>2</sup> Total cost to the Government of the commodity as delivered to the distributing agency; includes cost of purchase, handling, warehousing, and transportation, but does not include costs of administration of the program.

<sup>3</sup> A consumer subsidy program to expand markets for surplus foods. The grant was made through State and local welfare agencies in the form of "food stamps," issued to households receiving public assistance and redeemed by the Government through retail grocers in exchange for foods designated by the Secretary of Agriculture to be in surplus. The program was started in May 1939 and was discontinued in February 1943.

<sup>4</sup> Total cost in subsidy payments by the Government; does not include costs of administration of the program.

<sup>5</sup> A consumer subsidy program to expand markets for surplus milk. Handlers were reimbursed by the Government to the full agreed rate for delivery of milk at reduced prices to certified households receiving public assistance from State and local welfare agencies. The program was discontinued in June 1943.

Production and Marketing Administration.

TABLE 659.—*Federal food distribution programs: Quantity and cost for direct distribution programs,<sup>1</sup> year ended June 30, 1948*

Commodity or commodity group	School-lunch programs		Institution and welfare cases		Total	
	Quantity	Cost <sup>2</sup>	Quantity	Cost <sup>2</sup>	Quantity	Cost <sup>2</sup>
	1,000 pounds	1,000 dollars	1,000 pounds	1,000 dollars	1,000 pounds	1,000 dollars
Dairy and poultry products.....	18,307	11,461	3,574	4,825	21,881	16,286
Potatoes.....	82,293	3,292	111,836	4,473	194,129	7,765
Other fresh vegetables.....	12,501	599	15,408	706	27,909	1,305
Canned vegetables.....	43,847	3,965	536	14	44,383	3,979
Fresh fruits.....	31,451	1,797	15,696	897	47,147	2,694
Dried fruits.....	30,773	3,491	11,510	1,317	42,283	4,808
Canned fruits.....	469	48			469	48
Citrus juice.....	53,052	5,404	20,885	1,142	73,937	6,546
Miscellaneous products.....	10,620	2,722	746	368	11,366	3,090
Total.....	283,313	32,779	180,191	13,742	463,504	46,521

<sup>1</sup> Distribution, without charge to recipients, of food commodities acquired by the Government and distributed under provisions of Section 32, Public Law 320, 74th Congress, approved August 24, 1935, as amended; part of the distribution to school-lunch programs, 80,648,267 pounds costing \$13,438,329, was commodities distributed under provisions of Section 6 of the National School Lunch Act. Distribution to ultimate eligible recipients is accomplished through cooperating distributing agencies in States. Eligible recipients include school-lunch programs, eleemosynary institutions, and households receiving public assistance from State or local welfare agencies.

<sup>2</sup> Total cost to the Federal Government of the commodity as delivered to the distributing agency; it includes the cost of purchase, handling, warehousing, and transportation, but does not include costs of administration of the program.

Production and Marketing Administration.

TABLE 660.—Federal food distribution programs: Persons participating,<sup>1</sup> 1936-48

Year ending June—	Participation of children in school-lunch programs						Persons participating in programs for institutions and welfare groups					
	Direct distribution <sup>2</sup>		Indemnity plan <sup>3</sup>		School milk <sup>4</sup>		Direct distribution <sup>2</sup>		Food stamp plan <sup>5</sup>		Relief milk <sup>6</sup>	
	Average monthly	Peak month	Average monthly	Peak month	Average monthly	Peak month	Average monthly	Peak month	Average monthly	Peak month	Average monthly	Peak month
	Thous- ands ( <sup>7</sup> )	Thous- ands ( <sup>7</sup> )	Thous- ands	Thous- ands	Thous- ands	Thous- ands	Thous- ands	Thous- ands	Thous- ands	Thous- ands	Thous- ands	Thous- ands
1936.....	.....	.....	.....	.....	.....	.....	10, 117	10, 431	.....	.....	.....	.....
1937.....	225	342	.....	.....	.....	.....	8, 080	8, 889	.....	.....	.....	.....
1938.....	418	543	.....	.....	.....	.....	7, 743	8, 855	.....	.....	.....	.....
1939.....	499	892	.....	.....	.....	.....	10, 712	13, 091	36	61	.....	.....
1940.....	1, 285	2, 496	.....	.....	7	7	11, 378	11, 910	651	1, 488	( <sup>7</sup> )	( <sup>7</sup> )
1941.....	2, 704	4, 715	.....	.....	294	325	9, 135	10, 252	2, 887	3, 969	423	460
1942.....	3, 990	6, 165	.....	.....	586	731	5, 034	6, 230	3, 445	3, 821	414	455
1943.....	2, 991	5, 277	410	774	1, 154	2, 095	2, 491	3, 069	2, 045	2, 600	221	347
1944.....	1, 230	2, 926	2, 193	3, 693	.....	.....	901	1, 161	.....	.....	.....	.....
1945.....	2, 053	3, 938	3, 146	4, 630	.....	.....	679	945	.....	.....	.....	.....
1946.....	1, 833	3, 685	3, 663	5, 177	.....	.....	481	828	.....	.....	.....	.....
1947.....	3, 270	4, 834	4, 203	6, 015	.....	.....	835	927	.....	.....	.....	.....
1948.....	3, 590	7, 209	4, 408	6, 015	.....	.....	899	1, 179	.....	.....	.....	.....

<sup>1</sup> In this tabulation, "peak participation" is the participation during the month of the year when the largest number of persons participated in the program; "average participation" is the average for the 12 months of the fiscal year.

<sup>2</sup> Distribution without charge to recipients, of food commodities acquired by the Government and distributed under provisions of sec. 32, Public Law 320, 74th Cong., approved August 24, 1935, as amended; and under sec. 6 of the National School Lunch Act, Public Law 396, 79th Cong., approved June 4, 1946. Distribution to ultimate eligible recipients is accomplished through cooperating distributing agencies in States. Eligible recipients include school-lunch programs, eleemosynary institutions, and households receiving public assistance from State or local welfare agencies.

<sup>3</sup> A subsidy program to expand markets for agricultural products, maintain outlets for Section 32 commodities, and support school-lunch programs. Sponsors of school-lunch programs are reimbursed by the Government for local purchases of food on basis of the quality and quantity of meals served. The program was started in February 1943.

<sup>4</sup> A subsidy program to expand markets for milk. Handlers at first were reimbursed by the Government to the full agreed rate for delivery of milk at reduced rates for consumption by children in schools participating in the program. Later, the schools themselves paid the full local selling price to handlers and were reimbursed by the Government at a rate equal to the local producer price. In July 1943 the program was merged with the indemnity plan for school-lunch programs.

<sup>5</sup> A consumer subsidy program to expand markets for surplus foods. The grant was made through State and local welfare agencies in the form of "food stamps," issued to households receiving public assistance and redeemed by the Government through retail grocers in exchange for foods designated by the Secretary of Agriculture to be in surplus. The program was started in May 1939 and was discontinued in February 1943.

<sup>6</sup> A subsidy program to expand markets for surplus milk. Handlers were reimbursed by the Government to the full agreed rate for delivery of milk at reduced rates to certified households receiving assistance from State or local welfare agencies. The program was discontinued in June 1943.

<sup>7</sup> Information not available.

Production and Marketing Administration.

#### FOOTNOTES FOR TABLE 657—Continued

sum of \$9,702,990, which was expended under authority contained in Section 5 of the National School Lunch Act to provide nonfood assistance for the school-lunch programs. Approximately \$9,000 schools purchased lunch-room equipment under this program.

<sup>8</sup> Total cost in subsidy payments by the Government; does not include costs of administration of the program.

<sup>9</sup> A subsidy program to expand markets for milk. Handlers at first were reimbursed by the Government to the full agreed rate for delivery of milk at reduced rates for consumption by children in schools participating in the program. Later, the schools themselves paid the full local selling price to handlers, and were reimbursed by the Government at a rate equal to the local producer price. In July 1943 the program was merged with the indemnity plan for school-lunch programs.

Production and Marketing Administration.

TABLE 661.—Total purchases of agricultural commodities by the U. S. Department of Agriculture, 1947

Commodity	Quantity	Commodity	Quantity
<b>Grain and cereal products:</b>	<b>Pounds</b>	<b>Fruit and vegetable products:</b>	<b>Pounds</b>
Bulk grains:		Fresh vegetables:	
Wheat.....	16,501,369,860	Potatoes, Irish.....	3,208,310,936
Corn.....	3,605,226,576	Potatoes, sweet.....	29,193,350
Barley.....	1,139,697,072	Beets.....	7,480,322
Grain sorghums.....	332,509,016	Beans, green.....	2,120,850
Oats.....	241,595,296	Spinach.....	1,895,040
Rye.....	1,055,992	Cabbage.....	1,010,409
Total, bulk grains.....	21,821,453,812	Onions.....	269,400
		Potatoes, seed, Irish.....	110,000
<b>Foods:</b>		Total, fresh vegetables.....	3,250,390,307
Flour, wheat, enriched.....	4,597,502,283		
Rice.....	399,673,600	<b>Dried fruits:</b>	
Flour, wheat, plain.....	93,580,165	Raisins.....	161,081,180
Beans, dry.....	85,745,930	Prunes.....	134,396,000
Flour, whole wheat, graham.....	57,000,000	Peaches.....	8,800,000
Flour, soya.....	47,833,100	Apples.....	2,000,000
Cereal, rolled or flaked oats.....	38,080,000	Total, dried fruits.....	306,277,180
Durum, granular.....	38,000,000		
Peas, dry.....	24,980,000	<b>Canned fruits and vegetables:</b>	
Macaroni and spaghetti.....	9,430,000	Tomato juice.....	31,216,738
Corn meal and grits.....	8,540,000	Tomatoes.....	20,017,871
Flour, rye.....	4,480,000	Orange juice, concentrated.....	16,973,533
Molasses.....	2,800,000	Pineapple.....	2,489,292
Barley, pearl.....	1,200,000	Figs.....	2,141,641
Total, foods.....	5,408,865,078	Peaches.....	1,406,249
		Grapefruit juice.....	1,136,869
<b>Seeds:</b>		Apricots.....	841,793
Field.....	70,710,865	Sauerkraut.....	839,966
Vegetable.....	19,408,022	Orange juice.....	777,116
Total, seeds.....	90,118,887	Tomato puree.....	100,958
		Blended juice.....	5,929
<b>Feeds:</b>		Total, canned fruits and vegetables.....	78,037,955
Hay, forage or straw.....	49,840,000		
Dairy feed, mixed.....	1,500,000	<b>Other fruit and vegetable products:</b>	
Gray shorts.....	1,120,000	Jams.....	5,949,952
Cottonseed-oil meal.....	1,120,000	Potatoes, Irish, dehydrated.....	2,218,940
Wheat bran.....	676,400	Total, fruit and vegetable products.....	3,642,874,334
Barley, rolled.....	70,000		
Miscellaneous feeds.....	48,000	<b>Livestock and meat products:</b>	
Total, feeds.....	54,374,400	Wool.....	153,673,225
		Meat and gravy (Mexican).....	41,517,280
<b>Total, grain and cereal products.....</b>	<b>27,374,812,177</b>	Horsemeat and gravy.....	6,595,000
		Total.....	201,785,505
<b>Fats, oils, and oil-bearing products:</b>		<b>Fibers:</b>	
Peanuts.....	260,653,175	Cotton.....	180,900,000
Lard.....	109,157,787	Cotton waste.....	9,540,000
Linseed oil (Argentine).....	89,600,000	Total.....	190,440,000
Oleomargarine (coconut oil).....	7,110,331		
Soap, all-purpose household.....	6,071,511	<b>Poultry products:</b>	
Soap, synthetic.....	5,730,597	Eggs, frozen.....	77,651,120
Soybean oil, edible, refined.....	4,670,600	Eggs, dried.....	76,296,435
Soybean oil, crude.....	3,381,000	Turkeys, frozen, dressed.....	1,641,122
Fatty acids, tallow.....	2,516,354	Total.....	155,488,677
Soybean oil, once-refined.....	2,480,000		
Rapeseed oil.....	1,926,400	<b>Fish:</b>	
Oleomargarine (temperate).....	1,415,000	Hake, silver (Whiting).....	8,096,255
Soybean oil, hydrogenated.....	1,220,000	Salt fish, wet.....	7,496,640
Shortening.....	170,644	Squid.....	2,250,000
Soap, laundry, yellow.....	155,946	Herring, sea.....	1,481,235
Total.....	496,258,745	Herring, river.....	1,155,000
		Mackerel, Atlantic.....	607,500
<b>Dairy products:</b>		Mackerel, Pacific.....	243,000
Milk, dry skim (spray).....	138,803,342	Tuna, minced.....	163,800
Milk, dry skim (roller).....	77,846,503	Shad.....	10,500
Milk, evaporated.....	55,590,732	Total.....	21,503,030
Cheese, processed.....	10,925,500		
Milk, dry, whole.....	7,884,550	<b>Grand total.....</b>	<b>32,374,700,718</b>
Cheese, American.....	487,623		
Total.....	291,538,250		

Production and Marketing Administration.

816939-49-37

TABLE 662.—*Deliveries of agricultural commodities by the U. S. Department of Agriculture to domestic programs and export programs, July–December 1947*<sup>1</sup>

Agency and commodity	Quantity	Agency and commodity	Quantity
<b>Department of the Army:</b>	<i>Pounds (net)</i>	<b>United States Foreign Relief:</b>	<i>Pounds (net)</i>
Wheat.....	4,217,951,400	Wheat.....	1,970,954,580
Flour.....	1,062,331,333	Flour.....	491,162,873
Barley.....	681,090,288	Milk, evaporated.....	43,339,311
Corn.....	395,498,208	Corn.....	38,985,408
Sugar.....	327,862,000	Lard and other animal fats.....	34,866,155
Grain sorghums.....	198,072,000	Beans, dry.....	23,345,370
Cotton.....	189,017,000	Grits and meal.....	18,992,183
Milk, dried.....	127,379,945	Peas, dry.....	18,052,300
Oats.....	125,077,248	Breakfast cereal.....	15,679,033
Lard and other animal fats.....	17,449,594	Fish, canned or dehydrated.....	13,515,966
Seed.....	2,164,968	Milk, dried.....	10,836,948
Poultry and poultry products.....	2,748,778	Fruits, dehydrated or dried.....	8,175,840
<b>Total.....</b>	<b>7,344,693,062</b>	Meats, canned.....	6,739,440
<b>Cash-paying foreign governments:</b>		Soap and related products.....	2,563,731
Wheat.....	8,498,103,920	Macaroni and spaghetti.....	1,799,500
Corn.....	57,472,836	Vegetable oils.....	1,614,094
Milk, dried.....	34,459,458	Seeds.....	1,874,691
Eggs, dried.....	28,318,615	Oleomargarine.....	503,756
Flour.....	2,130,000	<b>Total.....</b>	<b>2,702,701,209</b>
Lard and other animal fats.....	2,071,496	<b>Sales to individuals and corporations:</b>	
Oleomargarine.....	1,968,568	Vegetables, fresh.....	861,120,767
Meats, canned.....	1,400,820	Peanuts.....	59,579,494
Soap and related products.....	919,980	Vegetable oils.....	23,120,689
Vegetables, fresh.....	110,200	Flour.....	1,512,874
<b>Total.....</b>	<b>3,626,955,913</b>	Milk, dried.....	853,329
<b>Other Government agencies:</b>		Hay.....	539,640
Vegetables, fresh.....	160,692,783	Flax fiber.....	467,476
Juice and juice powders.....	17,075,459	Milk, evaporated.....	356,505
Fruits, dehydrated or dried.....	15,888,600	Eggs, dried.....	332,539
Vegetables, canned.....	12,347,631	Lard and other animal fats.....	162,195
Eggs, dried.....	5,679,238	Eggs, frozen or liquid.....	146,580
Milk, dried.....	2,930,000	Meats, canned.....	103,954
<b>Total.....</b>	<b>214,613,711</b>	Beans, dry.....	71,645
<b>Greek-Turkish aid:</b>		Poultry and poultry products.....	22,431
Feeds.....	2,240,100	<b>Total.....</b>	<b>948,390,118</b>
Flour.....	880,000	<b>Grand total (6 months).....</b>	<b>14,840,474,113</b>
<b>Total.....</b>	<b>3,120,100</b>		

<sup>1</sup> Comparable data for the first half of 1947 are not available.

Production and Marketing Administration. Compiled from reports of the Shipping and Storage Branch as of January 16, 1948.



TABLE 663.—Farm products prices: Average prices received by farmers and parity prices, United States, 1947, with comparisons

Commodity and unit	Price unit	Base data <sup>1</sup>		Prices received :			Parity prices :			Actual prices as a percentage of parity							
		Period	Average price	1935-39	1945	1946	1947 <sup>2</sup>	1935-39	1945 <sup>4</sup>	1946 <sup>4</sup>	1947 <sup>2</sup>	1935-39	1945 <sup>4</sup>	1946 <sup>4</sup>	1947 <sup>2</sup>		
FIELD CROPS																	
Wheat, per bushel.....	Dollars.....	1909-14	0.884	0.837	1.49	1.74	2.35	1.13	1.52	1.71	2.04	74	98	102	115		
Corn, per bushel.....	do.....	1909-14	.642	.691	1.10	1.41	1.87	.822	1.10	1.24	1.48	84	100	114	126		
Oats, per bushel.....	do.....	1909-14	.399	.340	1.01	1.73	1.96	.511	.686	.770	1.022	67	99	100	100		
Barley, per bushel.....	do.....	1909-14	.619	.533	1.23	1.81	2.42	.702	1.06	1.19	1.43	67	95	105	111		
Rye, per bushel.....	do.....	1909-14	.720	.554	1.32	1.92	2.47	.922	1.24	1.39	1.66	60	92	102	111		
Rice, rough, per bushel.....	do.....	1909-14	.813	.742	1.78	1.92	2.47	1.04	1.40	1.57	1.88	71	127	122	131		
Buckwheat, per bushel.....	do.....	1909-14	.730	.652	1.05	1.50	1.98	.934	1.26	1.41	1.69	71	83	106	98		
Grain sorghums, per 100 pound.....	do.....	1909-14	1.21	1.17	1.90	2.85	2.94	1.55	2.08	2.34	2.80	75	91	105	108		
Flaxseed, per bushel.....	do.....	1909-14	1.69	1.69	2.90	3.84	6.55	2.16	2.91	3.26	3.90	78	100	118	168		
Dry field peas, per 100 pound <sup>3</sup> .....	do.....	1910-14	3.09	2.11	4.20	4.90	5.37	2.65	3.74	4.54	5.12	102	112	108	105		
Beans, dry edible, per 100 pound.....	do.....	1909-14	3.37	3.52	6.38	7.05	12.20	4.31	5.80	6.78	8.22	110	122	122	157		
Soybeans, per bushel <sup>3</sup> .....	do.....	1910-14	.96	.954	2.11	2.31	3.23	1.23	1.65	1.85	2.22	78	128	125	145		
Peanuts, per pound.....	Cents.....	1909-14	4.8	3.55	8.22	8.81	9.82	6.14	8.26	9.26	11.1	58	100	95	88		
Cotton, all, per pound.....	do.....	1909-14	12.4	10.34	21.16	28.19	32.40	15.87	21.33	23.93	28.64	95	99	113	113		
Cottonseed, per ton.....	Dollars.....	1909-14	22.55	27.52	52.20	60.20	85.20	28.90	38.80	43.50	52.10	95	135	138	164		
Potatoes, per bushel <sup>3</sup> .....	do.....	1919-28	1.12	.704	1.43	1.24	1.62	.874	1.30	1.69	1.81	81	110	78	90		
Sweetpotatoes, per bushel.....	do.....	1909-14	.878	.807	2.11	2.34	2.30	1.12	1.51	1.69	2.03	72	140	138	113		
Hay, all hays, per ton.....	do.....	1909-14	11.87	8.87	15.90	15.70	16.80	15.20	20.40	22.90	27.40	95	78	69	61		
FRUITS																	
Apples, per bushel <sup>3</sup> .....	do.....	1909-14	.96	.90	4.72	3.16	2.68	1.23	1.65	1.85	2.22	73	165	171	121		
Grapefruit, on-tree, per box <sup>3</sup> .....	do.....	1919-28	1.25	.45	1.10	.68	.68	.64	.64	.64	.64	37	80	37	17		
Lemons, on-tree, per box <sup>3</sup> .....	do.....	1919-28	2.02	1.86	4.31	2.60	1.26	1.68	2.46	3.03	3.13	118	53	66	40		
Oranges, on-tree, per box <sup>3</sup> .....	do.....	1919-28	2.29	1.01	4.60	1.24	.85	1.79	2.66	3.25	3.71	56	98	38	23		
LIVESTOCK AND PRODUCTS																	
Hogs, per 100 pound.....	do.....	1909-14	7.27	8.38	14.10	17.30	24.20	9.31	12.50	14.00	16.80	90	113	124	144		
Beef cattle, per 100 pound.....	do.....	1909-14	5.42	6.56	12.20	14.40	18.50	6.94	9.32	10.50	12.50	95	131	137	148		
Veal Calves, per 100 pound.....	do.....	1909-14	6.75	7.80	13.30	15.10	20.30	8.64	11.60	13.00	15.60	90	115	116	130		
Sheep, per 100 pound.....	do.....	1909-14	5.83	7.93	13.44	17.30	24.20	8.41	11.60	13.00	15.60	68	83	84	80		
Lamb, per 100 pound.....	do.....	1909-14	5.88	7.79	13.20	15.40	20.40	7.93	10.10	11.30	13.60	103	131	136	150		
Butterfat, per pound.....	Cents.....	1909-14	26.3	29.1	50.5	65.6	73.0	33.7	45.2	50.8	60.8	86	112	129	120		
Milk, wholesale, per 100 lb. in 14.....	Dollars.....	1909-14	1.60	1.81	3.22	4.05	4.33	2.05	2.75	3.09	3.70	88	117	131	117		
Milk, retail, per quart <sup>3</sup> .....	do.....	1909-14	6.8	10.2	13.4	15.2	17.4	8.7	11.7	13.1	15.7	115	116	116	111		
Chickens, per pound.....	do.....	1909-14	14.0	14.9	25.8	26.7	26.7	14.6	19.6	22.0	26.3	102	122	122	92		
Turkeys, per pound.....	do.....	1909-14	14.4	16.0	33.3	33.2	31.8	18.4	24.8	27.8	33.3	94	103	104	93		
Eggs, per dozen.....	do.....	1909-14	21.5	21.7	39.0	39.2	46.4	27.5	37.0	41.5	49.7	70	103	104	98		
Wool, per pound.....	do.....	1909-14	48.00	54.30	111.00	131.00	151.00	61.40	82.60	92.60	111.00	88	134	118	168		
Milk cows, per head.....	Dollars.....	1909-14	138.00	168.50	372.00	372.00	372.00	175.00	235.00	264.00	316.00	51	82	134	141		
Milk cows, per head.....	do.....	1909-14	136.00	166.00	370.00	370.00	370.00	170.00	230.00	260.00	310.00	50	79	132	138		
Mules, per head.....	do.....	1909-14	153.80	160.10	165.00	165.00	167.00	197.00	255.00	297.00	336.00	27	35	39	30		

See footnotes at end of table.



TABLE 668.—Farm products prices: Average prices received by farmers and parity prices, United States, 1947, with comparisons  
Continued

Commodity and unit	Price unit	Base data <sup>1</sup>		Prices received <sup>2</sup>				Parity prices <sup>2</sup>					Actual prices as a percentage of parity			
		Period	Average price	1935-39	1945	1946	1947 <sup>2</sup>	1935-39	1945 <sup>4</sup>	1946 <sup>4</sup>	1947 <sup>2</sup>	1935-39	1945 <sup>4</sup>	1946 <sup>4</sup>	1947 <sup>2</sup>	
TOBACCO (PER POUND)																
Flue-cured, types 11-14 <sup>4</sup>	Cents	1934-38	22.9	20.5	43.6	48.3	41.2	22.7	34.4	42.1	47.9	90	127	115	86	
Flue-cured, types 21-24 <sup>4</sup>	do.	1919-28	13.6	10.2	31.5	26.0	29.5	10.6	16.5	20.4	21.1	96	190	127	140	
Burley, type 31 <sup>4</sup>	do.	1934-38	22.2	22.2	39.4	39.7	48.3	22.9	33.3	40.4	44.2	101	192	100	100	
Maryland, type 32 <sup>4</sup>	do.	1919-28	22.9	20.4	57.0	44.5	43.2	17.9	28.9	32.6	35.7	114	183	126	111	
Dark air-cured, types 35-36 <sup>4</sup>	do.	1919-28	10.9	9.2	24.7	22.4	25.6	8.5	13.5	16.6	17.00	108	183	105	125	
Dark air-cured, types 37-41 <sup>4</sup>	do.	1919-28	14.6	12.0	33.8	24.2	28.6	11.4	18.1	22.2	22.8	105	187	109	125	
Dark air-cured, type 42 <sup>4</sup>	do.	1919-28	14.1	11.9	34.0	32.5	30.5	11.0	17.5	21.4	22.0	108	194	152	139	
Cigar filler and binder, types 42-50 <sup>4</sup>	do.	1919-28	37.1	31.4	41.4	41.9	38.7	13.8	24.6	30.3	31.3	81	168	148	124	
Cigar wrapper, type 61 <sup>4</sup>	do.	1919-28	97.1	79.4	227.0	240.0	270.00	75.7	113.0	138.8	157.7	105	195	174	172	
Cigar wrapper, type 62 <sup>4</sup>	do.	1919-28	60.3	69.5	150.00	220.00	245.00	47.0	69.9	85.6	97.7	143	224	257	251	
SUGAR CROPS																
Sorghum sirup, per gallon <sup>1</sup>	Cents	1919-28	87.4	56.7	144.	213.	176.	68.2	90.6	122.	142.	83	145	175	124	
Sugarcane sirup, per gallon <sup>1</sup>	do.	1909-13	46.0	43.5	93.3	155.	117.	58.4	80.0	97.5	112.	74	117	159	104	
Sugar beets, per ton <sup>1</sup>	Dollars	1909-13	3.73	3.95	17.69	17.98	17.83	4.77	6.42	17.20	17.82	83	109	111	99	
Maple sugar, per pound <sup>1</sup>	do.	1909-13	8.40	12.70	13.64	13.64	14.40	7.04	9.46	10.60	12.70	95	134	120	113	
Maple sirup, per gallon <sup>1</sup>	Dollars	1920-29	28.1	27.9	59.1	59.1	56.5	21.9	31.8	36.8	44.1	127	172	180	197	
		1920-29	2.04	1.55	3.21	3.29	3.21	1.39	2.31	2.67	3.20	97	139	123	163	
SEEDS																
Alfalfa, per bushel	do.	1919-29	11.08	11.47	20.60	21.20	19.80	8.64	12.40	14.00	17.10	133	166	151	116	
Red clover, per bushel	do.	1919-29	15.89	12.24	18.90	19.80	26.10	12.40	17.80	20.00	24.50	99	106	106	107	
Alsike clover, per bushel <sup>1</sup>	do.	1919-28	12.89	10.74	17.00	19.00	18.10	10.10	15.10	18.60	21.00	106	113	102	91	
Sweet clover, per bushel <sup>1</sup>	do.	1919-28	7.36	3.33	6.02	6.35	6.40	4.29	6.49	7.93	9.00	78	93	80	71	
Timothy, per bushel	do.	1919-29	3.04	2.38	6.02	6.35	6.40	4.29	6.49	7.93	9.00	78	93	80	71	
Crimson clover, per 100 pounds <sup>4</sup>	do.	1919-29	10.19	7.68	12.40	16.57	16.30	2.85	3.40	3.83	4.08	96	78	72	61	
Sudan grass, per 100 pounds <sup>4</sup>	do.	1919-28	4.42	1.94	5.32	7.51	6.32	3.45	5.17	6.36	7.20	95	132	118	112	
Orchard grass, per 100 pounds <sup>4</sup>	do.	1919-28	12.90	9.74	20.80	11.10	9.75	10.10	15.60	18.30	20.30	96	103	118	88	
Redtop, per 100 pounds <sup>4</sup>	do.	1919-28	14.23	9.19	11.00	16.80	13.20	11.10	16.60	20.20	23.10	83	109	91	87	
White clover, per 100 pounds <sup>4</sup>	do.	1919-28	33.99	20.74	75.90	62.60	41.70	26.50	39.10	47.20	54.70	78	194	131	70	
Hay vetches, per 100 pounds <sup>4</sup>	do.	1919-28	10.61	4.96	11.20	14.10	17.20	15.50	12.60	15.50	17.70	81	82	89	91	
Common ryegrass, per 100 pounds <sup>4</sup>	do.	1920-28	28.11	4.06	7.50	7.50	5.80	3.29	4.89	6.00	6.86	123	153	125	85	
Lespedeza, per 100 pounds <sup>4</sup>	do.	1924-28	24.11	4.06	7.50	7.50	5.80	3.29	4.89	6.00	6.86	123	153	125	85	
Austrian winter peas, per 100 pounds <sup>4</sup>	do.	( <sup>2</sup> )	( <sup>2</sup> )	6.06	8.66	7.81	11.50									
		( <sup>2</sup> )	( <sup>2</sup> )	19.92	43.51	3.45	4.87									
VEGETABLES FOR FRESH MARKET																
Artichokes, per box <sup>1</sup>	do.	1925-28	1.69	1.85	3.35	3.75	3.00	1.37	1.96	2.08	2.55	135	171	180	118	
Asparagus, per crate <sup>1</sup>	do.	1920-29	3.08	1.69	4.19	3.86	3.74	2.40	3.45	3.88	4.74	70	121	99	79	
Beans, lima, per bushel <sup>1</sup>	do.	1924-29	1.99	1.45	3.65	3.21	2.39	1.61	2.33	2.57	3.14	90	157	125	76	
Beans, snap, per bushel <sup>1</sup>	do.	1924-29	1.80	1.47	2.69	2.40	2.17	1.40	2.02	2.27	2.77	76	128	106	78	
Beets, per bushel <sup>1</sup>	do.	1923-29	.60	.47	.86	.81	.81	.49	.70	.79	.96	96	121	103	84	

																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					</
--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	----

TABLE 663.—Farm products prices: Average prices received by farmers, and parity prices, United States, 1947, with comparisons

Commodity and unit	Price unit	Base data <sup>1</sup>		Prices received <sup>2</sup>				Parity prices <sup>3</sup>					Actual prices as a percentage of parity				
		Period	Average price	1935-39	1945	1946	1947 <sup>3</sup>	1935-39	1945 <sup>4</sup>	1946 <sup>4</sup>	1947 <sup>3</sup>	1935-39	1945 <sup>4</sup>	1946 <sup>4</sup>	1947 <sup>3</sup>		
FRUITS—Continued																	
Grapes, per ton:	Dollars.....	1919-28	105.80	55.70	203.00	312.00	128.00	82.50	128.00	154.00	174.00	68	161	203	74		
Other grapes <sup>5</sup> <sup>10</sup>	do.....	1924-28	37.00	19.00	63.10	98.40	44.50	28.90	44.00	53.50	61.40	66	143	185	72		
Wine and brandy, Calif. <sup>10</sup> <sup>11</sup>	do.....	1919-28	( <sup>12</sup> )	13.90	55.10	90.70	29.80	2.88	4.21	4.94	5.83	127	96	90	67		
All other <sup>10</sup>	do.....	1919-28	( <sup>12</sup> )	24.70	78.30	117.00	61.80	4.2	6.0	6.8	8.3	163	220	326	100		
Limes, Florida, per box <sup>10</sup>	do.....	1919-28	3.69	3.55	4.04	4.45	3.92	2.88	4.21	4.94	5.83	127	96	90	67		
Lemons, per ton	Cents.....	1919-28	5.4	3.9	13.2	22.2	8.3	4.2	6.0	6.8	8.3	163	220	326	100		
Olive, per ton	do.....	1919-28	5.4	3.9	13.2	22.2	8.3	4.2	6.0	6.8	8.3	163	220	326	100		
Canned ripe <sup>10</sup>	Dollars.....	1919-28	119.80	87.80	302.00	450.00	192.00	93.40	144.00	177.00	186.00	94	210	254	103		
Crushed for oil <sup>10</sup>	do.....	1919-28	36.50	38.00	211.00	216.00	130.00	28.50	43.80	54.00	56.60	133	482	400	230		
Peaches:	do.....	1910-14	1.20	1.07	2.55	2.50	1.94	1.54	2.11	2.53	2.90	60	121	99	67		
For fresh use, per bushel <sup>10</sup>	do.....	1909-13	27.60	25.70	63.50	63.50	49.70	35.30	48.90	59.30	67.30	73	130	107	74		
For canning, per ton:	do.....	1909-13	24.40	21.40	57.00	59.00	40.00	31.20	43.20	52.50	59.50	69	132	112	67		
Chickens <sup>10</sup>	do.....	1909-13	95.70	125.00	438.00	333.00	195.00	122.00	169.00	206.00	234.00	102	270	162	83		
Dried <sup>10</sup>	do.....	1919-28	1.43	63	2.14	2.35	1.70	1.12	1.66	2.03	2.32	56	129	111	73		
For fresh use, per bushel <sup>10</sup>	Dollars.....	1919-28	54.70	21.50	72.60	91.70	77.30	42.70	57.00	77.00	88.00	50	114	118	83		
For canning, per ton <sup>10</sup>	do.....	1919-28	208.00	118.00	350.00	365.00	273.00	167.00	241.00	276.00	336.00	83	145	124	82		
Pineapples, Florida, per box <sup>10</sup>	do.....	1924-28	2.12	2.14	8.50	9.50	4.75	1.70	2.50	2.99	3.50	126	340	318	136		
Plums, per ton:	do.....	1924-28	2.12	2.14	8.50	9.50	4.75	1.70	2.50	2.99	3.50	126	340	318	136		
For fresh use, per bushel <sup>10</sup>	do.....	1924-28	78.64	47.10	147.00	144.00	159.00	61.30	89.60	108.00	125.00	77	164	133	127		
For canning, per ton:	do.....	1909-13	20.40	25.80	55.00	70.00	57.00	26.10	36.10	43.90	49.80	99	152	159	114		
Prunes, per ton:	do.....	1919-28	51.00	35.50	102.00	113.00	86.50	39.80	56.20	72.40	82.60	89	172	156	105		
For fresh use <sup>10</sup>	do.....	1919-28	36.63	14.30	56.40	66.50	52.60	28.60	46.00	52.70	59.70	50	131	126	97		
For canning <sup>10</sup>	do.....	1919-28	136.32	59.20	210.00	250.00	148.00	109.00	162.00	192.00	224.00	86	150	130	96		
Dried <sup>10</sup>	do.....	1919-28	9.8	6.5	17.6	30.4	17.3	7.3	11.0	12.3	14.1	86	160	247	115		
Raspberries, red, per pound <sup>10</sup>	Cents.....	1920-29	9.4	6.6	13.4	27.4	21.0	7.3	10.5	11.8	14.5	90	128	233	148		
Raspberries, black, per pound <sup>10</sup>	do.....	1920-29	9.4	6.6	13.4	27.4	21.0	7.3	10.5	11.8	14.5	90	128	233	148		
Strawberries, per crate <sup>10</sup>	do.....	1920-29	9.4	6.6	13.4	27.4	21.0	7.3	10.5	11.8	14.5	90	128	233	148		
For fresh use, per crate <sup>10</sup>	Dollars.....	1920-29	3.86	2.71	8.96	9.82	7.72	3.01	4.32	4.79	5.87	90	207	205	132		
For processing, per pound <sup>10</sup>	Cents.....	1924-28	5.7	5.7	19.4	27.1	19.5	5.3	7.6	8.4	10.3	108	255	323	189		
Youngberries, per pound <sup>10</sup>	do.....	1924-28	4.4	4.4	12.8	20.6	8.3	5.3	7.6	8.4	10.3	108	255	323	189		
NUTS																	
Almonds, per ton <sup>10</sup>	Dollars.....	1919-28	333.00	285.00	720.00	486.00	558.00	423.00	590.00	480.00	543.00	67	185	101	103		
Albion, per ton <sup>10</sup>	do.....	1927-28	350.00	240.00	551.00	384.00	255.00	444.00	438.00	539.00	564.00	54	126	71	45		
Pecans, per ton <sup>10</sup>	do.....	1922-28	308.00	142.00	400.00	578.00	368.00	391.00	383.00	474.00	496.00	36	104	122	74		
Improved <sup>10</sup>	do.....	1922-28	308.00	142.00	400.00	578.00	368.00	391.00	383.00	474.00	496.00	36	104	122	74		
Tung nuts, per ton <sup>10</sup>	do.....	1919-28	776.00	248.00	582.00	802.00	590.00	965.00	950.00	1170.00	1220.00	26	61	69	48		
Walnuts, English, per ton <sup>10</sup>	do.....	1919-28	424.40	198.00	599.00	584.00	339.00	331.00	500.00	628.00	658.00	90	100	88	55		

MISCELLANEOUS CROPS											
Velvetbeans, per ton <sup>1</sup>	14.74	26.30	34.20	33.50	11.90	17.20	21.40	104	170	160	135
Broomcorn, per ton <sup>2</sup>	125.22	259.00	292.00	301.00	97.70	147.00	204.00	88	176	162	148
Cotton, American Egyptian, per pound <sup>3</sup>	37.49	42.51	45.79	61.60	30.37	45.36	63.36	75	94	82	97
Cotton, American Egyptian, per pound <sup>4</sup>	2.56	1.47	3.88	4.22	4.56	2.87	3.23	3.94	135	131	116
Cowpeas, per bushel	43.24	2.50	6.50	7.43	7.83	3.11	4.23	4.93	80	184	151
Gum rosin, all grades, per 100 pounds <sup>5</sup>	40.24	26.1	79.1	96.7	92.7	59.1	80.4	93.8	110	103	57
Gum turpentine, per gallon, bulk	46.2	20.1	687	694	705	297	399	448	172	155	132
Hops, per pound <sup>6</sup>	2.35	2.30	1.97	1.97	1.97	1.97	1.97	1.97	77	---	---
Peanuts, for oil, per pound <sup>7</sup>	3.16	1.95	3.69	3.51	4.79	2.46	3.76	4.61	98	76	92
Peppermint oil, per pound <sup>8</sup>	30.21	1.51	3.50	5.61	5.57	14.60	17.30	7.96	103	102	105
Popcorn, per 100 pounds <sup>9</sup>	---	---	---	---	---	---	---	---	---	---	---
Sweetgum oil, per pound <sup>10</sup>	---	---	---	---	---	---	---	---	---	---	---
Sweetgum forage, per ton <sup>11</sup>	---	---	---	---	---	---	---	---	---	---	---
MISCELLANEOUS LIVESTOCK											
Beeswax, per pound <sup>12</sup>	31.2	20.1	41.3	44.4	43.8	24.3	34.9	39.3	48.0	113	91
Honey, wholesale lots, per pound:	---	---	---	---	---	---	---	---	---	---	---
Extracted <sup>13</sup>	11.0	6.0	14.6	20.9	21.4	8.6	12.3	13.9	16.9	70	119
Comb <sup>14</sup>	19.5	13.8	24.8	31.6	15.2	21.8	24.6	30.1	31.8	114	128
Mohair, per pound <sup>15</sup>	27.5	45.2	55.3	61.1	60.2	35.2	49.5	55.6	67.6	128	89

<sup>1</sup> Unless otherwise specified, the base period begins with August in the earlier year and ends with July in the final year; i.e., August 1909-July 1914; August 1919-July 1929; etc.

<sup>2</sup> Simple averages for the calendar year, unless otherwise noted.

<sup>3</sup> Preliminary (based on information available through August 1948).

<sup>4</sup> Revised.

<sup>5</sup> Base period prices derived. Comparable prices shown in parity columns are established under section 4 (a) of Public Law No. 147.

<sup>6</sup> Season average prices for the periods designated. State averages weighted by sales to obtain United States average. Parity or comparable prices are straight averages of monthly parities for the crop marketing season.

<sup>7</sup> December 1 prices for the periods designated.

<sup>8</sup> Season average prices for the periods designated. State averages weighted by production to obtain United States average. Parity prices are straight averages of monthly parities for the crop marketing season.

<sup>9</sup> Parity prices for fresh use.

<sup>10</sup> Primarily for fresh use.

<sup>11</sup> Parity prices and comparable price under provision of Price Control Act which expired June 30, 1947.

<sup>12</sup> Does not include dairy production payments for butterfat in cream paid prior to July 1946.

<sup>13</sup> Parity prices, with base periods August 1919-July 1929 or a part thereof, can also be calculated for milk in each of the markets in which Federal Milk Marketing orders or agreements are in effect.

<sup>14</sup> Does not include dairy production payments paid prior to July 1946.

<sup>15</sup> Retailed by farmers directly to consumers.

<sup>16</sup> Continental United States only; Hawaii and Puerto Rico not included.

<sup>17</sup> Louisiana and Texas only.

<sup>18</sup> Actual 1947 prices include Government payments to farmers authorized by the Sugar Act of 1937, for full sugarcane 1935-39 average \$0.90; 1945, \$1.32; 1946 and 1947, \$1.36; and crop assistance payments of \$1.45 per ton in 1945; Sugar beets, 1935-39 average \$1.37; 1945, \$2.50; 1946, \$2.44; 1947, \$2.50; and

special support payments of approximately \$2.12 per ton in 1945 and \$1.20 per ton in 1947. Parity prices of sugarcane and sugar beets are based by multiplying the base price by the average of parity index for the calendar year.

<sup>19</sup> Season average, 1920-28, excluding 1924 and 1926 for which data were not available.

<sup>20</sup> 5-season average, 1936-40.

<sup>21</sup> Average of 4 seasons 1924-28, except 1927 for which data were not available.

<sup>22</sup> No data available prior to 1935.

<sup>23</sup> No data available prior to 1936.

<sup>24</sup> California only.

<sup>25</sup> New Jersey only; data not available for other States.

<sup>26</sup> No data available prior to 1932.

<sup>27</sup> Virginia only.

<sup>28</sup> Louisiana only.

<sup>29</sup> Tennessee only.

<sup>30</sup> Average, 1937-39.

<sup>31</sup> No data available within base period.

<sup>32</sup> Washington and Oregon berries only; primarily for processing.

<sup>33</sup> No data available prior to 1930.

<sup>34</sup> Average price of sweet cherries for fresh use and processing; data not available to show break-down according to use.

<sup>35</sup> Nine-season average, 1919-28, excluding 1927 for which data were not available.

<sup>36</sup> California peaches for fresh use and average prices for all peaches in other States combined.

<sup>37</sup> Prices which relate only to freestone peaches in the base period, but prices in other periods apply to clingstone and freestone peaches combined.

<sup>38</sup> Pacific coast pears for fresh use and average for all pears in other States combined.

<sup>39</sup> Oregon, Washington, and Louisiana strawberries for fresh use and prices of all strawberries in other States combined.

Footnotes continued at bottom of page 582.

TABLE 664.—*Farm-to-retail price spreads and marketing charges for farm food products, 1929-47*<sup>1</sup>

Year	Retail cost <sup>2</sup>	Farm value <sup>3</sup>	Marketing margin <sup>4</sup>	Government marketing taxes (—) and payments (+) <sup>5</sup>	Marketing charges <sup>6</sup>	Farmers' share of consumer's dollar <sup>7</sup>
	Dollars	Dollars	Dollars	Dollars	Dollars	Cents
1929.....	435	183	252	0	252	42
1930.....	421	165	256	0	256	39
1931.....	339	121	218	0	218	36
1932.....	284	92	192	0	192	32
1933.....	276	89	187	-2	185	32
1934.....	311	107	204	-8	196	34
1935.....	347	138	209	-9	200	40
1936.....	349	143	206	0	206	41
1937.....	362	156	206	0	206	43
1938.....	328	128	200	0	200	39
1939.....	316	122	194	0	194	39
1935-39 average.....	340	137	203	-2	201	40
1940.....	317	128	189	0	189	40
1941.....	347	154	193	0	193	44
1942.....	407	196	211	0	211	48
1943.....	458	236	222	+5	227	52
1944.....	450	237	213	+12	225	53
1945.....	459	247	212	+16	228	54
1946.....	528	283	245	+9	254	54
1947.....	643	344	299	0	299	53

<sup>1</sup> These estimates are calculated in terms of a market basket of farm food products, containing quantities equivalent to 1935-39 annual average purchases per family of three average consumers. The market basket total is broken down into six major commodity groups, as shown in the succeeding table. Quantities of foods valued in these series do not change from year to year.

<sup>2</sup> Retail costs of the market basket and commodity groups are calculated from prices estimated to represent average cost to all purchasing consumers in the United States. These are based principally upon retail price series published by the Bureau of Labor Statistics and the Bureau of Agricultural Economics, with supplementary adjustments.

<sup>3</sup> Farm value is calculated from official series showing prices received by farmers applied to quantities of farm products equivalent to retail purchases and is adjusted by subtracting an imputed value at the farm level of nonfood by-products obtained in processing. No adjustment is made for various Government payments to producers.

<sup>4</sup> The marketing margin is the spread or difference between retail cost to consumers and payments to farmers for equivalent produce, less imputed value of by-products.

<sup>5</sup> For the quantities of products included in the market basket, total Government taxes levied upon processors and other marketing agencies are denoted by a minus sign, while total payments to marketing agencies are denoted by a plus sign.

<sup>6</sup> Marketing charges equal the marketing margin, minus Government marketing taxes, plus Government marketing payments, and represent total payments to marketing agencies for their services.

<sup>7</sup> The farmer's share of the consumer's dollar spent for farm food products is obtained by expressing the farm value as a percentage of retail cost. The remainder of the consumer's dollar goes to pay the marketing margin and does not include Government payments to marketing agencies but does include Government taxes on these agencies.

Bureau of Agricultural Economics. Data for 1913-28 in *Agricultural Statistics*, 1946, table 628.

#### Footnotes for Table 663.—Continued

<sup>20</sup> Oregon, Washington, and Louisiana only.

<sup>21</sup> Oregon only.

<sup>22</sup> Nov. 1 price, 1922; Dec. 1 price, 1923-28.

<sup>23</sup> Savannah market prices; prices received by farmers not available.

<sup>24</sup> Simple average of each grade, August 1909-July 1914, weighted by sales of each grade 1909-12 seasons; data not available for marketing in 1913 season.

<sup>25</sup> Open market price.

Bureau of Agricultural Economics.

Parity prices of agricultural commodities were first computed to interpret quantitatively the progress of the effort to restore farm purchasing power under the Agricultural Adjustment Act of 1933. Assuming no changes in the efficiency of production, parities may be defined as "fair exchange values" which will maintain the same relationship between the prices of agricultural commodities and prices of articles farmers buy as existed in some base period, usually August 1909-July 1914. Subsequent acts have altered this concept but little. The basis for the determination of parity prices of most basic commodities was extended by law in 1935 to include interest and taxes per acre. Comparable prices determined under Section 4 (a) of Public Law No. 147 have been substituted for parity prices for three commodities where the production or consumption of the commodity had so changed in character since the base period as to result in a price out of line with parity prices for basic commodities. Parity prices are now published for some 13 other commodities for which comparable prices were formerly calculated under Section 3 (b) of the Emergency Price Control Act of 1942, which expired June 30, 1947. Parity prices are calculated by multiplying the price in the base period by the "current index of prices paid, interest, and taxes" (when the 1909-14 base is used) and dividing by 100. Where a post-war base is designated (e.g., 1919-29) the "index of prices paid, excluding interest and taxes" adjusted to the base 1919-29=100 is employed in the computation. Comparable prices are calculated similarly after an adjustment in the base price has been made to bring the result in line with parity prices of basic commodities.

The average number of pounds per box, per crate, or other unit is given on pages 4 and 5 of this book.

TABLE 665.—Farm-to-retail price spreads and marketing charges by major food commodity groups, averages 1921-30 and 1935-39, annual 1943-47<sup>1</sup>

Commodity group and year	Retail cost <sup>2</sup>	Net farm value adjusted for by-products <sup>3</sup>	Margin adjusted for by-products <sup>4</sup>	Government marketing taxes (-) <sup>5</sup>	Government marketing payments (+) <sup>6</sup>	Marketing charges (adjusted margin) <sup>6</sup>	Farmer's share <sup>7</sup>
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Percent
<b>Meat products:</b>							
1921-30 average	98.90	50.83	48.07			48.07	51
1935-39 average	88.09	46.35	41.74	-1.09		40.65	53
1943	106.91	75.34	31.57		+3.61	35.18	70
1944	101.47	73.98	27.49		+6.42	33.91	73
1945	100.31	76.75	23.56		+9.47	35.03	77
1946	128.92	94.84	44.08		+6.04	40.12	74
1947	184.68	130.87	53.81			53.81	71
<b>Dairy products:</b>							
1921-30 average	82.97	42.63	40.34			40.34	51
1935-39 average	67.27	33.47	33.80			33.80	50
1943	88.95	50.92	38.03		+1.61	39.64	57
1944	88.34	51.84	36.50		+2.61	39.11	59
1945	88.76	52.02	36.74		+2.30	39.04	59
1946	108.12	64.62	43.50		+1.12	43.62	60
1947	121.57	73.72	47.85			47.85	61
<b>Poultry and eggs:</b>							
1921-30 average	37.00	24.75	12.25			12.25	67
1935-39 average	26.47	17.56	8.91			8.91	66
1943	41.77	30.58	11.19			11.19	73
1944	40.51	28.20	12.31			12.31	70
1945	42.91	31.61	11.30			11.30	74
1946	45.49	32.08	13.41			13.41	71
1947	51.85	35.40	16.45			16.45	68
<b>Bakery and other cereal products:</b>							
1921-30 average	63.13	15.32	47.81	-0.01		47.80	24
1935-39 average	55.09	11.39	43.70	-0.66		43.04	21
1943	61.77	17.55	44.22	-0.05	+2.21	44.38	28
1944	63.62	19.15	44.47	-0.05	+1.88	46.30	30
1945	63.89	19.86	44.03	-0.05	+2.77	46.75	31
1946	72.92	23.12	49.80	-0.05	+1.76	51.51	32
1947	89.90	30.66	59.24	-0.05	+0.01	59.20	34
<b>Fruits and vegetables, fresh and processed:</b>							
1921-30 average	112.60	36.13	76.47			76.47	32
1935-39 average	77.58	23.91	53.67			53.67	31
1943	126.24	54.27	71.97		+2.24	72.21	43
1944	123.89	55.34	68.55		+1.09	69.64	45
1945	130.65	57.69	72.96		+1.31	74.27	44
1946	135.20	57.77	77.43		+0.90	78.33	43
1947	144.58	59.90	84.68			84.68	41
<b>Miscellaneous food products:</b>							
1921-30 average	32.24	6.25	25.99	-0.06		25.93	19
1935-39 average	25.97	4.77	21.20	-0.24		20.96	18
1943	32.62	8.14	24.48	-0.32	+1.16	24.32	25
1944	32.38	8.90	23.48	-0.33	+0.44	23.59	27
1945	32.19	9.22	22.97	-0.33	+0.66	23.30	29
1946	37.06	10.10	26.96	-0.33	+0.45	27.08	27
1947	50.31	13.31	37.00	-0.33	+0.03	36.70	26

<sup>1</sup> These estimates are calculated in terms of a market basket of farm food products, containing quantities equivalent to 1935-39 annual average purchases per family of three average consumers. The market basket total is broken down into six major commodity groups, as shown in the succeeding table. Quantities of foods valued in these series do not change from year to year.

<sup>2</sup> Retail costs of the market basket and commodity groups are calculated from prices estimated to represent average cost to all purchasing consumers in the United States. These are based principally upon retail price series published by the Bureau of Labor Statistics and the Bureau of Agricultural Economics, with supplementary adjustments.

<sup>3</sup> Farm value is calculated from official series showing prices received by farmers applied to quantities of farm products equivalent to retail purchases and is adjusted by subtracting an imputed value at the farm level of nonfood by-products obtained in processing. No adjustment is made for various Government payments to producers.

<sup>4</sup> The marketing margin is the spread or difference between retail cost to consumers and payments to farmers for equivalent product, less imputed value of by-products.

<sup>5</sup> For the quantities of products included in the market basket, total Government taxes levied upon processors and other marketing agencies are denoted by a minus sign, while total payments to marketing agencies are denoted by a plus sign.

<sup>6</sup> Marketing charges equal the marketing margin, minus Government marketing taxes, plus Government marketing payments, and represent total payments to marketing agencies for their services.

<sup>7</sup> The farmer's share of the consumer's dollar spent for farm food products is obtained by expressing the farm value as a percentage of retail cost. The remainder of the consumer's dollar goes to pay the marketing margin and does not include Government payments to marketing agencies but does include Government taxes on these agencies.

Bureau of Agricultural Economics.



TABLE 666.—Index numbers of prices received by farmers, by groups, United States, 1929-47<sup>1</sup>

[August 1909-July 1914=100]

Year	Food grains	Feed grains and hay	Cotton	Tobacco	Oil-bearing crops	Fruits	Truck crops	All crops	Meat animals	Dairy products	Poultry and eggs	Wool	Livestock and live-stock products	All farm products
1929.....	116	119	144	174	133	125	137	135	160	164	161	171	161	149
1930.....	93	107	100	142	102	146	129	119	135	142	128	116	136	128
1931.....	57	74	61	100	71	91	115	79	93	111	99	78	90	90
1932.....	45	48	47	86	41	73	102	60	65	86	81	53	74	68
1933.....	66	57	66	109	52	70	91	72	61	87	74	98	72	72
1934.....	91	95	97	159	95	88	95	98	70	101	89	121	84	90
1935.....	97	107	94	174	120	82	119	102	116	114	116	107	115	109
1936.....	108	102	95	165	112	92	104	107	118	125	114	146	120	114
1937.....	120	125	90	204	120	104	110	115	132	130	110	166	127	122
1938.....	75	71	67	176	88	70	88	80	115	114	108	107	113	97
1939.....	72	69	70	155	90	68	91	80	112	110	95	125	108	95
1940.....	84	82	77	136	96	73	111	88	111	119	96	155	112	100
1941.....	97	89	107	159	130	85	129	106	146	139	121	192	140	124
1942.....	120	111	149	252	172	114	163	142	188	162	151	216	173	159
1943.....	148	147	160	325	190	179	245	183	209	193	190	223	200	192
1944.....	165	166	164	354	209	215	212	194	200	198	174	222	194	195
1945.....	172	161	171	366	215	220	224	201	210	197	196	224	203	202
1946.....	201	195	228	382	244	226	204	226	256	242	198	225	240	233
1947.....	271	246	261	380	335	194	249	261	340	269	221	219	293	278

<sup>1</sup>A discussion of the construction of this index and the monthly index numbers through 1943 was published in Index Numbers of Prices Received by Farmers, 1910-43, issued February, 1944 (revised).

Bureau of Agricultural Economics. Compiled from prices reported to the Department of Agriculture by dealers purchasing agricultural commodities in local farm markets. The price series for individual commodities are averages for all classes and grades of the commodity being sold in local farm markets on or about the 15th of each month. They are weighted by average sales for the 5 years, 1935-39. These data are published monthly in Agricultural Prices. Annual data for 1910-28 in Agricultural Statistics, 1946, table 607.



TABLE 667.—Index numbers of prices paid by farmers, United States, 1929-47

[Calendar years 1910-14=100]

Year	Commodities used in production							Commodities used in family maintenance							
	Feed	Farm machinery <sup>1</sup>	Fertilizer	Building materials for other than house	Equipment and supplies	Seed <sup>2</sup>	All commodities bought for use in production	Food	Clothing	Operating expenses	Furniture and furnishings	Building materials for house	All commodities bought for use in family maintenance	All commodities bought for use in production and family maintenance	All commodities bought, including interest and taxes
1929.....	145	162	130	169	136	185	147	149	177	127	188	170	159	154	167
1930.....	132	152	126	155	131	174	141	137	167	122	179	166	150	146	160
1931.....	93	150	115	139	116	152	123	109	142	110	153	149	128	126	141
1932.....	69	142	99	126	107	102	109	90	115	103	128	134	108	108	124
1933.....	77	138	96	129	103	95	108	95	114	102	126	138	108	108	120
1934.....	106	144	104	146	109	140	123	108	131	106	136	155	122	122	129
1935.....	114	146	102	145	108	154	127	120	126	106	136	152	124	125	130
1936.....	113	149	96	146	110	142	125	116	125	106	134	154	123	124	127
1937.....	131	154	102	156	114	192	136	120	131	109	142	164	128	131	133
1938.....	92	158	100	148	114	158	125	108	126	108	137	155	122	123	126
1939.....	92	154	100	148	110	130	122	108	124	106	134	156	130	121	124
1940.....	101	152	97	150	110	130	124	108	126	105	136	159	121	122	125
1941.....	109	156	100	162	115	124	131	121	139	109	146	172	131	131	132
1942.....	135	164	111	178	126	190	149	145	172	117	168	186	154	152	150
1943.....	162	169	120	189	134	242	163	164	190	121	188	197	170	167	162
1944.....	178	173	121	204	140	271	173	166	205	127	202	213	178	176	169
1945.....	176	176	121	209	142	281	174	168	220	129	219	221	185	180	172
1946.....	210	182	124	234	146	294	192	198	249	138	246	250	210	202	193
1947.....	253	204	136	320	163	349	233	247	287	154	278	350	255	246	231

<sup>1</sup> Excluding motor vehicles.<sup>2</sup> 1912-14=100.

Bureau of Agricultural Economics. Compiled from prices reported to the Department of Agriculture by retail dealers throughout the United States. The prices used in constructing the above index numbers of prices paid by farmers are for constant quantities and sizes but are not adjusted for changes in quality.

The index numbers include only commodities bought by farmers, the commodities being weighted according to purchases reported by farmers in farm-management and rural-life studies from 1924 to 1929. These data are published monthly in *Agricultural Prices*. Annual data for 1910-28 in *Agricultural Statistics*, 1946, table 606.

TABLE 668.—Prices paid by farmers for commodities used for family living, United States, average 1935-39, annual 1942-47

Commodity and unit	Average 1935-39 <sup>1</sup>	1942 <sup>1</sup>	1943 <sup>1</sup>	1944 <sup>1</sup>	1945 <sup>1</sup>	1946 <sup>1</sup>	1947
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
<b>Food:</b>							
Sugar, per 10-pound bag	0.560	0.713	0.716	0.708	0.711	0.821	1.04
Flour, per 25-pound sack	.915	1.03	1.26	1.33	1.33	1.60	2.11
Bread, white, loaf, per pound	.0878	.0928	.0937	.0948	.0952	.110	.130
Corn, meal per pound	.0266	.0304	.0435	.0509	.0511	.0632	.0720
Rollod oats, packaged, per pound	.0692	.0818	.0838	.0912	.0900	.105	.116
Rice, packaged, per pound	.0745	.114	.122	.126	.127	.146	.186
Bacon, sliced, per pound	.342	.365	.407	.391	.400	.506	.799
Round steak, per pound	.279	.389	.424	.398	.399	.468	.666
Pork loin, per pound	.262	.362	.377	.355	.362	.438	.642
Lard, per pound	.148	.184	.199	.195	.198	.270	.341
Butter, per pound package	.344	.458	.510	.497	.507	.700	.829
Cheese, American, per pound	.253	.352	.393	.402	.403	.522	.555
Coffee, per pound	.215	.288	.323	.318	.323	.382	.499
Tea, Orange Pekoe, per pound	.706	.965	1.06	1.05	1.06	1.05	1.08
Oranges, 216's, per dozen	.282	.319	.402	.410	.429	.419	.384
Lemons, 360's, per dozen	.313	.315	.380	.381	.374	.364	.458
Bananas, per pound	.0643	.103	.130	.126	.118	.124	.159
Apples, fresh, per pound	.0492	.0640	.0886	.110	.129	.132	.128
Vinegar, per gallon	.289	.309	.342	.394	.423	.488	.518
Raisins, packaged, per pound	.0988	.138	.159	.157	.156	.240	.232
Salt, packaged, per pound	.0263	.0362	.0368	.0379	.0388	.0420	.0473
<b>Clothing and dry goods:</b>							
Suits, wool, 1 pair pants, each	19.30	25.90	28.30	29.60	30.90	33.80	38.50
Extra trousers, woolen, per pair	3.73	5.45	6.10	6.76	7.20	8.33	9.62
Trousers, cotton, per pair	1.46	2.13	2.39	2.56	2.64	3.11	3.44
Overalls, per pair	1.22	1.76	1.88	1.98	2.10	2.68	3.26
Shirts, cotton, work, each	.695	1.06	1.23	1.40	1.54	1.72	1.87
Socks, cotton, work, per pair	.135	.173	.188	.195	.201	.222	.265
Undershirts or shorts, each	.281	.356	.405	.468	.497	.610	.689
Union suits, cotton, heavy, each	1.10	1.42	1.54	1.61	1.69	2.18	2.38
Work gloves, canvas, per pair	.154	.225	.247	.256	.256	.329	.371
Shoes, work, men's, per pair	2.47	3.27	3.68	3.91	4.16	4.74	5.73
Boots, rubber, knee-length, per pair	2.89	3.51	3.76	4.00	4.23	4.56	4.98
Hats, felt, men's, each	2.44	3.37	3.83	4.42	4.83	6.00	6.29
Dresses, house, percale, each	1.02	1.56	1.88	2.24	2.62	2.96	3.22
Step-ins or panties, rayon, per pair	.333	.421	.508	.681	.774	.851	.784
Shoes or oxfords, women's, per pair	2.47	3.00	3.29	3.44	3.66	4.07	4.88
Muslin, unbleached, per yard	.109	.159	.179	.187	.194	.221	.352
Percale, per yard	.170	.266	.290	.301	.318	.342	.488
<b>Operating expense:</b>							
Coal, hard, per ton	14.00	14.80	15.40	15.80	16.60	18.50	19.80
Coal, soft, per ton	8.38	9.45	9.84	10.10	10.40	11.60	13.40
Firewood, per cord	5.41	6.80	7.96	8.70	9.10	10.00	10.00
Soap, laundry, per bar	.0478	.0518	.0529	.0545	.0582	.0810	.112
Soap, toilet, per cake	.0561	.0652	.0675	.0680	.0692	.0832	.112
Starch, laundry, per pound	.0996	.104	.104	.104	.104	.114	.128
Brooms, house, each	.508	.589	.718	1.06	1.19	1.16	1.17
<b>Furniture and furnishings:</b>							
Rugs, Axminster, 9 by 12 feet, each	31.60	41.90	44.90	47.40	51.20	57.90	67.00
Rugs, felt-base, 9 by 12 feet, each	6.36	6.49	6.87	7.13	7.29	8.06	10.20
Chairs, dining-room, oak, each	2.34	3.02	3.30	3.73	4.20	4.76	5.24
Tables, dining-room, 42 by 45 inches, each	18.70	23.40	26.30	28.60	30.20	34.40	40.50
Living-room suites, 2-piece, each	65.00	83.50	102.00	116.00	137.00	156.00	165.00
Kitchen cabinet, each	27.10	33.50	38.20	41.60	45.60	49.80	54.20
Stoves, 6-hole kitchen range, each	63.30	73.80	78.50	79.60	84.20	93.90	104.00
Dressers, with mirror, each	16.80	21.30	24.00	27.20	30.20	35.10	38.20
Bedsteads, metal, double, each	6.64	8.21	9.34	10.70	11.50	12.00	12.80
Mattresses, 54-inch, felted cotton, each	9.92	12.90	16.00	17.70	18.70	21.60	23.40
Bedsprings, double, sagless, each	7.28	9.66	10.70	10.40	10.50	11.80	13.90
Blankets, double, cotton, each	1.64	2.11	2.32	2.54	2.80	3.62	3.83
Sheets, medium quality, 81 by 90 inches, each	.972	1.36	1.62	1.80	1.93	2.28	2.82
Comforters, cotton, each	2.61	4.11	4.78	5.14	5.50	6.42	6.91
Towelings, 18-inch, cotton, bleached, per yard	.155	.165	.191	.212	.238	.282	.335
Dinner plates, plain, per 1/2 dozen	.729	.774	.822	.824	.835	.886	.946
Fruit jars, Mason, per dozen	.840	.816	.811	.798	.794	.799	.850
<b>Building materials for house:</b>							
Flooring, yellow pine, per M board feet	70.70	75.80	81.70	89.90	93.00	106.00	173.00
Bevel siding, pine and cedar, per M board feet	46.50	58.60	62.40	67.00	69.40	78.90	135.00
Windows, house, double-hung, each	6.56	8.38	8.67	9.18	9.59	11.00	14.70
Doors, Nos. 1 and 2, combined, each	4.27	5.12	5.34	5.67	5.90	6.92	10.30
Laths, 48-inch, per bunch of 50	.461	.520	.556	.586	.612	.702	1.09
Wire screen, 12-mesh, 30 inches wide, per foot	.0750	.0793	.0837	.0836	.0858	.0942	.127

<sup>1</sup> Prices reported for different specifications adjusted, where necessary, to current basis of reporting.<sup>2</sup> 1937-39 average.<sup>3</sup> 1935-38 average.

Bureau of Agricultural Economics. Data for 1939-41 in Agricultural Statistics, 1945, table 568.

TABLE 669.—Prices paid by farmers for commodities used for farm production, United States, average 1935-39, annual 1942-47

Commodity and unit	Average 1935-39 <sup>1</sup>	1942	1943	1944	1945	1946	1947
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
<b>Building and fencing material:</b>							
2 by 4 inch-16 feet, fir and pine, per M board feet <sup>2</sup>	43.70	55.70	60.70	69.00	72.00	82.00	109.00
Boards, rough, per M board feet <sup>2</sup>	42.80	54.30	59.80	67.50	70.30	78.60	99.70
Shiplap, pine, per M board feet <sup>2</sup>	40.60	53.40	60.60	70.50	74.80	85.00	114.00
Siding, drop, pine and fir, per M board feet	57.80	72.50	78.60	85.50	88.00	102.00	160.00
Windows, barn, 4-light (9 by 12 inches), each	1.13	1.42	1.48	1.49	1.43	1.62	2.22
Shingles, wood, per 100 square feet <sup>3</sup>	5.19	6.40	6.89	7.57	7.72	8.73	14.70
Roofing, composition, per 100 square feet	2.37	2.40	2.46	2.49	2.51	2.67	3.04
Roofing, steel, galvanized, per 100 square feet	5.07	6.42	6.74	6.73	6.77	7.34	9.44
Brick, common, per 1,000 <sup>4</sup>	21.40	23.20	24.10	26.00	28.60	32.80	37.00
Cement, Portland, bag of 94 pounds <sup>5</sup>	.757	.754	.763	.766	.786	.826	.927
Nails, 8d, per pound <sup>6</sup>	.0528	.0648	.0656	.0648	.0652	.0752	.0954
Paint, ready-mixed, per gallon <sup>7</sup>	2.92	3.18	3.23	3.26	3.29	3.61	5.19
Pumps, lift, each	10.50	13.70	14.70	14.90	15.20	16.50	18.90
Windmills, each	<sup>8</sup> 49.60	54.60	58.60	59.80	61.60	61.50	72.00
Fence-posts, steel, 84 inches, each	.420	.469	.498	.535	.544	.572	.710
Fence-posts, wood, 4-in. diam- eter, each	.259	.327	.376	.412	.423	.471	.524
Poultry netting, bale	5.02	5.51	5.59	5.34	5.31 <sup>9</sup>	5.66	6.42
Barbed wire, galvanized, 2-point, spool, 80 rods	3.40	4.14	4.12	4.38	4.40	4.77	6.24
Gates, galvanized iron, 14-foot, each	<sup>10</sup> 10.60	12.50	13.10	13.60	14.00	15.30	18.10
<b>Farm machinery:</b>							
Tractors, rubber tires, 20-29 hp., each	1,160.00	1,140.00	1,160.00	1,180.00	1,200.00	1,340.00	1,500.00
Separator, cream, 500-pound, each	91.70	96.60	98.40	101.00	104.00	109.00	117.00
Engine, gas, 1½ horsepower, each	70.20	74.40	75.60	75.50	76.30	78.40	85.00
Trucks, farm, steel wheels, each	63.20	73.40	75.80	80.70	83.40	90.00	105.00
Wagons, farm, double, each	85.70	97.20	103.00	106.00	107.00	118.00	138.00
Wagon boxes, each	30.60	37.30	39.20	40.20	42.30	45.40	57.00
Feed grinders, power type, 8 inches, each	51.40	61.30	62.60	63.00	64.10	70.00	71.90
Hammer mill, 10-20 horsepower, complete, each	142.00	145.00	144.00	147.00	144.00	158.00	166.00
Manure spreader, each	169.00	188.00	196.00	198.00	203.00	216.00	270.00
Plow, 1-horse, walking, each	9.13	11.30	12.00	12.10	12.50	12.90	14.60
Plow, 2-horse, walking, each	21.70	23.10	23.90	23.90	24.40	25.20	28.00
Plow, 2-bottom, tractor-drawn, each	120.00	130.00	132.00	136.00	138.00	144.00	167.00
Harrow, disk, single, 7-foot, each	67.70	73.80	75.80	76.30	78.80	81.50	90.20
Harrow, spiketooth, 30-tooth section, each	11.30	12.80	13.00	13.30	13.50	14.20	16.60
Harrow, springtooth, 2-section, each	31.20	33.40	35.40	35.70	35.20	35.90	45.20
Planter, corn, 2-row check, each	86.00	94.00	101.00	104.00	107.00	108.00	133.00
Planter, corn or cotton, 1-row, each	23.30	26.90	27.20	27.30	27.60	28.00	30.60
Drill, grain, 12-tubes, each	163.00	182.00	184.00	188.00	192.00	199.00	245.00
Cultivator, 1-horse, walking, each	8.16	9.24	9.70	9.71	10.00	10.20	12.10
Cultivator, 1-row, riding, each	58.90	65.90	68.50	69.90	69.70	72.40	82.80
Cultivator, 2-row, tractor-drawn, each	138.00	128.00	132.00	137.00	138.00	144.00	166.00
Binder, corn, 1-row, each	229.00	267.00	271.00	276.00	279.00	302.00	350.00
Ensilage cutter, 13-inch throat, each	311.00	350.00	360.00	368.00	370.00	408.00	445.00
Binder, grain, 7-foot, each	251.00	286.00	289.00	292.00	293.00	300.00	360.00
Combines, power take-off, 5-6- foot, each	798.00	813.00	839.00	861.00	866.00	882.00	1,050.00
Thresher, grain, large, each	1,300.00	1,410.00	1,440.00	1,460.00	1,460.00	1,500.00	1,840.00
Potato digger, 1-row, each	159.00	183.00	192.00	190.00	193.00	201.00	214.00
Mower, 5-foot, each	92.60	110.00	113.00	115.00	115.00	119.00	137.00
Rake, sulky, self-dump, each	51.80	58.20	59.90	60.60	60.70	62.50	75.50
Rake, side-delivery, each	129.00	142.00	147.00	150.00	151.00	158.00	196.00
Hay loader, each	133.00	156.00	164.00	169.00	170.00	174.00	213.00

See footnotes at end of table.

**TABLE 669.—Prices paid by farmers for commodities used for farm production, United States, average 1935-39, annual 1942-47—Continued**

Commodity and unit	Average 1935-39 <sup>1</sup>	1942	1943	1944	1945	1946	1947
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
<b>Equipment and supplies:</b>							
Milk cans, 10-gallon, each.....	4.74	5.87	6.17	6.32	6.27	6.42	7.28
Milk pails, 12-quart, each.....	.749	.908	1.03	1.04	1.08	1.13	1.22
Hoes, 7-inch blade, each.....	.895	.960	1.05	1.07	1.07	1.09	1.25
Pitchforks, 3-tine, each.....	1.19	1.35	1.41	1.42	1.43	1.53	1.73
Binder twine, per pound.....	.0916	.118	.140	.141	.142	.143	.233
Rope, manila, per pound.....	.246	.299	.340	.395	.406	.384	.511
Bushel baskets, veneer, per dozen.....	<sup>2</sup> 1.01	1.33	1.46	1.65	1.70	2.30	2.62
Horse collars, leather, each.....	4.84	5.99	6.64	7.21	7.46	7.75	8.69
Pipe, galvanized iron, 1½-inch, per foot.....	.180	.199	.202	.200	.198	.206	.242
Lead arsenate, per pound <sup>3</sup> .....	.172	.191	.206	.207	.208	.219	.280
Gasoline, per gallon <sup>4</sup> .....	<sup>5</sup> .192	.197	.198	.198	.197	.203	.226
Kerosene, per gallon <sup>4</sup> .....	<sup>5</sup> .132	.134	.136	.134	.134	.139	.156
Motor oil, per gallon <sup>4</sup> .....	<sup>5</sup> .893	.976	1.00	1.01	<sup>5</sup> 1.01	1.04	1.11
Tires, auto, 6.00 by 16, each <sup>4</sup> .....	<sup>5</sup> 12.60	14.80	16.40	17.10	16.50	16.70	16.00
<b>Feed:</b>							
Bran, per 100 pound.....	1.42	2.06	2.32	2.43	2.42	2.87	3.37
Middlings, per 100 pound.....	1.60	2.14	2.37	2.46	2.44	2.92	3.65
Corn meal, per 100 pound.....	1.90	2.14	2.67	3.00	2.93	3.69	4.46
Corn gluten, per 100 pound.....	1.75	2.02	2.28	2.64	2.64	3.24	3.85
Soybean meal, per 100 pound.....	1.99	2.61	2.80	3.15	3.12	4.00	4.81
Cottonseed meal, per 100 pound.....	1.78	2.40	2.67	3.07	3.09	3.94	4.68
Linseed meal, per 100 pound.....	2.35	2.41	2.80	2.98	3.00	3.94	4.93
Peanut meal, per 100 pound.....	1.81	2.47	2.74	3.12	3.14	3.91	4.41
<b>Mixed dairy feed:</b>							
16 percent protein, per 100 lb.....	1.69	2.21	2.68	2.96	2.90	3.46 <sup>5</sup>	3.99
20 percent protein, per 100 lb.....	1.85	2.36	2.87	3.17	3.12	3.78 <sup>5</sup>	4.30
24 percent protein, per 100 lb.....	1.95	2.48	2.98	3.30	3.26	3.91	4.55
Laying mash, per 100 pound.....	2.31	2.89	3.28	3.61	3.59	4.22	4.87
Scratch feed, per 100 pound.....	1.91	2.33	2.81	3.17	3.22	3.93	4.69
Tankage, per 100 pound.....	2.17	4.15	4.24	4.27	4.23	5.10	6.41
Stock salt, per 100 pound.....	.909	.943	.976	.994	1.01	1.05	1.15
Alfalfa hay, baled, per ton.....	17.13	20.20	26.20	30.50	30.80	30.60	32.60
Other hay, baled, per ton.....	17.40	17.40	23.00	27.70	28.40	27.20	29.00

<sup>1</sup> Prices as reported for different specifications adjusted, where necessary, to current basis of reporting.

<sup>2</sup> Also included in building materials for house.

<sup>3</sup> 1935-38 average.

<sup>4</sup> Also included in operating expenses.

<sup>5</sup> Revised.

Bureau of Agricultural Economics. Data for 1939-41 in Agricultural Statistics, 1945, table 569.

**TABLE 670.—Index numbers of consumers' prices, by groups, United States, 1929-47<sup>1</sup> [1935-39=100]**

Year	Food	Nonfood items					All items
		Clothing	Rent	Fuel, electricity, and ice	House furnish- ings	Miscel- laneous	
1929.....	132	115	141	112	112	105	123
1930.....	126	113	138	111	109	105	119
1931.....	104	103	130	109	98	104	109
1932.....	86	91	117	103	85	102	93
1933.....	84	88	101	100	84	98	92
1934.....	94	96	94	101	93	98	96
1935.....	100	97	94	101	95	98	98
1936.....	101	98	96	100	96	99	99
1937.....	105	103	101	100	104	101	103
1938.....	98	102	104	100	103	102	101
1939.....	95	101	104	99	101	101	99
1940.....	97	102	105	100	101	101	100
1941.....	106	106	106	102	107	104	105
1942.....	124	124	108	105	122	111	117
1943.....	138	130	108	107	126	116	124
1944.....	136	139	108	110	136	121	125
1945.....	139	146	108	110	146	124	128
1946.....	160	160	109	112	159	129	139
1947.....	194	186	111	121	184	140	159

<sup>1</sup> This index reflects retail prices of goods and services commonly bought by average families with moderate income in the 56 large cities of the United States.

Bureau of Agricultural Economics. Compiled from data of the Bureau of Labor Statistics. Data for 1913-28 in Agricultural Statistics, 1946, table 611.

TABLE 671.—Index numbers of wholesale prices, by groups of commodities, United States, 1929-47

(Calendar years 1910-14=100)

Year	Farm products	Foods	Hides and leather products	Textile products	Fuel and lighting	Metals and metal products	Building materials	Chemicals and allied products <sup>1</sup>	House furnishing goods	Miscellaneous <sup>2</sup>	Other than farm products	Raw materials	All commodities
1929	147	155	169	161	158	118	173	116	173	75	138	149	139
1930	124	140	155	143	149	108	163	109	170	71	127	129	126
1931	91	116	134	118	128	99	144	98	156	63	111	100	107
1932	68	95	113	98	133	94	129	91	138	58	101	84	95
1933	72	94	125	115	126	94	140	89	139	57	102	86	96
1934	92	109	134	130	139	102	156	93	149	63	114	105	109
1935	111	130	139	126	140	101	154	97	148	62	119	118	117
1936	113	127	148	127	145	102	157	97	150	64	120	122	118
1937	121	133	162	136	147	112	172	102	164	71	128	130	126
1938	96	114	144	118	145	112	164	95	159	67	119	110	115
1939	92	109	148	124	139	111	164	94	158	68	118	107	113
1940	95	111	156	131	136	112	172	95	162	70	120	110	115
1941	116	128	168	151	145	117	187	104	173	74	131	128	127
1942	149	154	182	172	149	122	200	120	187	81	144	154	144
1943	172	165	182	173	153	122	202	124	188	84	146	172	151
1944	173	163	181	175	158	122	209	128	191	85	148	173	152
1945	180	165	183	178	159	123	213	117	192	86	149	179	155
1946	209	203	213	207	171	135	240	125	204	91	170	206	177
1947	254	262	282	250	206	170	325	157	236	104	215	253	222

<sup>1</sup> Prior to 1926 designated as "Chemicals and drugs."<sup>2</sup> Includes automobile tires and tubes, cattle feed, paper and pulp, crude rubber, barrels, batteries, caskets, cigar boxes, matches, mirrors, oil, pipe covering, rubber heels, rubber hose, men's rubbers, soap, starch, tobacco products and wax.

Bureau of Agricultural Economics. Computed by reducing to a 1910-14 base the Bureau of Labor Statistics series, 1926=100; the index numbers for each group on the 1926 base are divided by the averages for 1910-14. The averages used for each group are as follows: Farm products, 71.3; foods, 64.5; hides and leather products, 64.5; textile products, 56.3; fuel and lighting, 52.7; metals and metal products, 85.3; building materials, 55.2; chemicals and drugs, 81.2; house furnishing goods, 54.6; miscellaneous, 110.1; other than farm products, 67.5; raw materials, 65.36; and all commodities, 68.5. Data for 1910-28 in Agricultural Statistics, 1946, table 608.

TABLE 672.—Cash receipts from farming and gross farm income, United States, 1929-47<sup>1</sup>

Year	Cash receipts from farming					Value of home consumption †	Cash receipts from farming and value of home consumption	Rental value of farm homes †	Gross farm income ‡	Cash receipts per farm §	Gross income per farm §
	Farm marketings			Government payments†	Total						
	Live-stock and products	Crops	Total								
	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Dollars	Dollars
1929	6,171	5,125	11,296	-----	11,296	1,699	12,995	829	13,824	1,796	2,198
1930	5,181	3,840	9,021	-----	9,021	1,537	10,558	830	11,388	1,434	1,811
1931	3,835	2,536	6,371	-----	6,371	1,253	7,624	754	8,378	997	1,311
1932	2,746	1,997	4,743	-----	4,743	1,008	5,751	655	6,406	726	981
1933	2,841	2,473	5,314	131	5,445	1,023	6,468	587	7,055	810	1,050
1934	3,330	3,004	6,334	446	6,780	1,090	7,870	616	8,486	1,001	1,253
1935	4,108	2,978	7,086	573	7,659	1,320	8,979	616	9,595	1,124	1,409
1936	4,716	3,651	8,367	287	8,654	1,374	10,028	615	10,643	1,284	1,579
1937	4,902	3,948	8,850	367	9,217	1,410	10,627	638	11,265	1,389	1,698
1938	4,496	3,190	7,686	482	8,168	1,283	9,451	620	10,071	1,251	1,543
1939	4,511	3,366	7,877	807	8,684	1,244	9,928	619	10,547	1,348	1,637
1940	4,893	3,471	8,364	766	9,130	1,254	10,384	624	11,008	1,438	1,734
1941	6,465	4,716	11,181	586	11,767	1,460	13,227	658	13,885	1,870	2,207
1942	9,041	6,331	15,372	697	16,069	1,788	17,857	702	18,559	2,592	2,993
1943	11,454	7,980	19,434	672	20,106	2,163	22,269	755	23,024	3,304	3,784
1944	11,322	9,038	20,360	804	21,164	2,201	23,365	820	24,185	3,529	4,033
1945	11,922	9,538	21,520	769	22,289	2,256	24,545	889	25,434	3,741	4,269
1946	13,699	11,165	24,864	772	25,636	2,624	28,260	978	29,238	4,297	4,901
1947 †	16,490	13,696	30,186	314	30,500	3,105	33,605	1,100	34,705	5,109	5,813

<sup>1</sup> Recent revisions prior to 1940 not incorporated, as more comprehensive revisions are contemplated within the coming year.

<sup>2</sup> Payments under rental and benefit, soil conservation, price adjustment, price parity, Sugar Act, and production programs.

<sup>3</sup> Value of products consumed by farm laborers and their families, as well as by the operator's own household.

<sup>4</sup> Includes an allowance for maintenance and interest on the value of farm dwellings and for a proportionate share of taxes on farm real estate and insurance on farm buildings. In most years the rental value is from 9 to 11 percent of the estimated value of farm dwellings.

<sup>5</sup> Cash receipts from farm marketings, Government payments, value of home consumption, and rental value of farm homes.

<sup>6</sup> Includes Government payments since 1933. For number of farms, see table 606 in this book and table 685 in Agricultural Statistics, 1941.

<sup>7</sup> Preliminary.

Bureau of Agricultural Economics.

TABLE 673.—Cash receipts from farming and value of products consumed by persons on farms where produced, by commodities, United States, 1946 and 1947<sup>1</sup>

Commodity	Cash receipts from farming		Value of home consumption		Cash receipts from farming and value of home consumption	
	1946	1947	1946	1947	1946	1947
<b>LIVESTOCK AND PRODUCTS</b>						
<b>Meat animals:</b>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Cattle and calves.....	3,722,141	4,913,640	71,290	85,000	3,793,431	4,998,640
Hogs.....	2,961,234	4,004,012	488,112	629,893	3,449,346	4,633,905
Sheep and lambs.....	362,300	401,161	4,188	4,990	366,488	406,151
<b>Total.....</b>	<b>7,045,675</b>	<b>9,318,813</b>	<b>563,590</b>	<b>719,883</b>	<b>7,609,265</b>	<b>10,038,696</b>
<b>Poultry and eggs:</b>						
Broilers.....	270,015	272,788			270,015	272,788
Chickens, other.....	639,348	575,766	189,622	177,718	828,970	753,484
Eggs (chicken).....	1,478,733	1,781,937	250,214	291,169	1,728,947	2,073,106
Turkeys.....	269,041	238,041	4,683	4,692	273,724	242,733
Other poultry <sup>2</sup> .....	35,822	33,061	3,992	3,738	39,814	36,799
<b>Total.....</b>	<b>2,692,959</b>	<b>2,901,593</b>	<b>448,511</b>	<b>477,317</b>	<b>3,141,470</b>	<b>3,378,910</b>
<b>Dairy products:</b>						
Butter, farm.....	31,752	30,727				
Cream.....	518,605	568,576				
Milk, retail.....	392,482	430,671				
Milk, wholesale.....	2,792,827	3,029,292				
<b>Total<sup>4</sup>.....</b>	<b>3,735,666</b>	<b>4,059,266</b>	<b>713,900</b>	<b>786,054</b>	<b>4,449,566</b>	<b>4,845,320</b>
<b>Wool.....</b>	<b>118,639</b>	<b>106,106</b>			<b>118,639</b>	<b>106,106</b>
<b>Mohair.....</b>	<b>11,803</b>	<b>11,119</b>			<b>11,803</b>	<b>11,119</b>
<b>Other<sup>5</sup>.....</b>	<b>94,218</b>	<b>93,536</b>	<b>7,974</b>	<b>10,268</b>	<b>102,192</b>	<b>103,804</b>
<b>Total livestock.....</b>	<b>13,698,960</b>	<b>16,490,433</b>	<b>1,733,975</b>	<b>1,993,522</b>	<b>15,432,935</b>	<b>18,483,955</b>
<b>CROPS</b>						
<b>Food grains:</b>						
Buckwheat.....	3,220	4,954	159	189	3,379	5,143
Rice.....	139,524	159,888	455	500	139,979	160,448
Rye.....	24,243	43,783	74	79	24,317	43,862
Wheat.....	1,659,000	2,680,904	7,745	9,995	1,666,745	2,690,899
<b>Total.....</b>	<b>1,825,987</b>	<b>2,789,629</b>	<b>8,433</b>	<b>10,823</b>	<b>1,834,420</b>	<b>2,800,352</b>
<b>Feed crops:</b>						
Barley.....	189,398	272,130			189,398	272,130
Corn.....	827,136	1,341,945	28,582	34,144	855,718	1,376,089
Sorghums, grain.....	86,291	112,161			86,291	112,161
Hay.....	222,496	230,108			222,496	230,108
Oats.....	303,365	329,915			303,365	329,915
<b>Total.....</b>	<b>1,628,686</b>	<b>2,286,259</b>	<b>28,582</b>	<b>34,144</b>	<b>1,657,268</b>	<b>2,320,403</b>
<b>Cotton:</b>						
Cotton lint.....	1,257,707	1,905,927			1,257,707	1,905,927
Cottonseed.....	204,394	336,745			204,394	336,745
<b>Total.....</b>	<b>1,462,101</b>	<b>2,242,672</b>			<b>1,462,101</b>	<b>2,242,672</b>
<b>Tobacco.....</b>	<b>955,306</b>	<b>1,029,709</b>			<b>955,306</b>	<b>1,029,709</b>
<b>Oil-bearing crops:</b>						
Flaxseed.....	83,762	226,028			83,762	226,028
Peanuts.....	166,154	201,292	3,064	4,347	169,218	205,639
Soybeans.....	455,304	551,613			455,304	551,613
Tung nuts.....	5,564	4,909			5,564	4,909
<b>Total.....</b>	<b>710,784</b>	<b>983,842</b>	<b>3,064</b>	<b>4,347</b>	<b>713,848</b>	<b>988,189</b>
<b>Vegetables:</b>						
Dry edible beans.....	135,976	178,984	504	590	136,480	179,574
Dry field peas.....	26,828	28,694			26,828	28,694
Mung beans.....	1,025	718			1,025	718
Potatoes.....	441,065	482,181	71,770	69,318	512,835	551,499
Sweetpotatoes.....	61,513	55,033	45,120	41,871	106,633	96,904
Truck crops.....	1,216,934	1,193,310	475,778	660,245	1,692,712	1,853,555
<b>Total.....</b>	<b>1,883,341</b>	<b>1,938,920</b>	<b>593,172</b>	<b>772,024</b>	<b>2,476,513</b>	<b>2,710,944</b>

See footnotes at end of table.

816939-49-38



TABLE 673.—Cash receipts from farming and value of products consumed by persons on farms where produced, by commodities, United States, 1946, and 1947<sup>1</sup>—Continued

Commodity	Cash receipts from farming		Value of home consumption		Cash receipts from farming and value of home consumption	
	1946	1947	1946	1947	1946	1947
<b>FRUITS—continued</b>						
<b>Citrus:</b>	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Grapefruit	85,802	55,281	317	237	86,119	55,518
Lemons	46,232	53,518	105	124	46,357	53,642
Limes	841	754			841	754
Oranges	317,503	222,423	2,181	1,343	319,684	223,766
Other <sup>2</sup>	112	61	21	13	133	74
<b>Non-citrus:</b>						
Apples	298,847	274,228	48,739	40,059	347,586	314,287
Apricots	36,768	17,834	621	468	37,389	18,302
Avocados	6,469	5,820	86	194	6,555	5,924
Cherries	64,847	37,048	5,380	3,845	70,227	40,893
Cranberries	27,465	16,252			27,465	16,252
Dates	3,571	1,104	58	19	3,629	1,123
Figs	13,540	7,001	1,064	553	14,604	7,554
Grapes	256,392	150,041	4,557	3,803	260,949	153,844
Olives	17,898	6,335	77	33	17,975	6,368
Peaches	166,483	119,079	17,494	14,492	183,977	133,561
Pears	80,586	74,053	5,755	5,360	86,342	79,413
Plums	17,358	14,672	2,701	2,247	20,059	16,929
Prunes	59,480	54,110		417	59,898	54,527
Strawberries	89,853	84,201	4,150	3,716	94,003	87,917
Other berries <sup>2</sup>	88,998	88,100	4,958	4,636	93,956	92,736
Other <sup>2</sup>	2,849	1,676	168	121	3,017	1,797
<b>Total</b>	<b>1,711,924</b>	<b>1,283,541</b>	<b>95,942</b>	<b>81,640</b>	<b>1,810,866</b>	<b>1,365,181</b>
<b>Tree nuts:</b>						
Almonds	18,274	15,950	97	110	18,371	16,060
Filberts	3,121	2,520	119	83	3,243	2,603
Pecans	23,173	28,812	2,776	3,093	25,949	29,618
Walnuts, Persian	39,378	22,020	448	295	39,826	22,316
<b>Total</b>	<b>83,949</b>	<b>68,002</b>	<b>3,440</b>	<b>3,495</b>	<b>87,389</b>	<b>71,497</b>
<b>Legume and grass seeds:</b>						
Alfalfa	34,921	20,123			34,921	20,123
Alsike clover	6,924	6,550			6,924	6,550
Austrian winter peas	1,315	2,680			1,315	2,680
Bermuda grass	283	563			283	563
Blue lupine	1,434	1,351			1,434	1,351
Bromegrass	490	932			490	932
Cowpeas	6,246	6,232	1,292	1,496	7,578	7,748
Crimson clover	1,980	1,724			1,980	1,724
Kentucky bluegrass	4,885	7,267			4,885	7,267
Ladino clover	1,285	1,366			1,285	1,366
Lespedeza	11,860	10,378			11,860	10,378
Mustard	3,118	1,687			3,118	1,687
Orehard grass	783	555			783	555
Rape	930	550			930	550
Red clover	28,494	22,714			28,494	22,714
Red top	2,421	2,029			2,421	2,029
Ryegrass, common	4,220	2,785			4,220	2,785
Ryegrass, perennial	760	512			760	512
Sudan grass	1,507	1,323			1,507	1,323
Sweetclover	3,228	2,892			3,228	2,892
Timothy	3,266	2,861			3,266	2,861
Vetch, common—Willamette	2,588	1,942			2,588	1,942
Vetch, hairy	1,327	2,785			1,327	2,785
Vetch, purple	856	304			856	304
White clover	2,282	1,581			2,282	1,581
Other <sup>2</sup>	728	658			728	658
<b>Total</b>	<b>128,171</b>	<b>104,395</b>	<b>1,292</b>	<b>1,466</b>	<b>129,463</b>	<b>105,861</b>
<b>Sugar and sirup crops:</b>						
Maple sirup and sugar	3,718	9,173	904	1,645	4,622	10,818
Sorgo sirup	13,764	8,603	11,617	8,769	25,381	17,372
Sugar beets	110,855	152,430			110,855	152,430
Sugarcane sirup	28,340	17,022	9,531	6,761	37,871	23,783
Sugarcane for sugar	35,892	36,111			35,892	36,111
<b>Total</b>	<b>192,569</b>	<b>223,339</b>	<b>22,052</b>	<b>17,175</b>	<b>214,621</b>	<b>240,514</b>

See footnotes at end of table.

TABLE 673.—Cash receipts from farming and value of products consumed by persons on farms where produced, by commodities, United States, 1946 and 1947<sup>1</sup>—Continued

Commodity	Cash receipts from farming		Value of home consumption		Cash receipts from farming and value of home consumption	
	1946	1947	1946	1947	1946	1947
crops—continued						
Miscellaneous crops:	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Broomcorn.....	12,538	10,096	.....	.....	12,538	10,096
Flax fiber.....	778	497	.....	.....	778	497
Hemp.....	630	443	.....	.....	630	443
Hops.....	33,361	33,998	.....	.....	33,361	33,998
Peppermint.....	8,486	11,128	.....	.....	8,486	11,128
Popcorn.....	10,801	5,886	.....	.....	10,801	5,886
Spearmint.....	1,722	2,678	.....	.....	1,722	2,678
Forest products.....	158,790	274,203	131,508	186,028	290,298	460,231
Greenhouse and nursery products.....	355,081	406,729	.....	.....	355,081	406,729
Total.....	582,187	745,658	131,508	186,028	713,695	931,686
Total crops.....	11,165,005	13,695,866	890,485	1,111,142	12,055,490	14,807,008
Total livestock and crops.....	24,863,965	30,186,299	2,624,460	3,104,664	27,488,425	33,290,963
Government payments <sup>10</sup> .....	771,680	313,813	.....	.....	771,680	313,813
Grand total.....	25,635,645	30,500,112	2,624,460	3,104,664	28,260,105	33,604,776

<sup>1</sup> Estimates of cash receipts measure the amount of money received by farmers during the calendar year from the sale of the different farm products. Commodities used for human consumption on the farms where grown are valued at the average price received by farmers for the commodities sold.

<sup>2</sup> Cash receipts include value of broilers consumed in households of producers, which is less than 1 percent of total production.

<sup>3</sup> Ducks, geese, guineas, pigeons, quail, pheasants, all other.

<sup>4</sup> Value of dairy products consumed on farms is not available for separate items; total value is determined by applying milk-equivalent price received for products sold to total milk consumed on farms.

<sup>5</sup> Horses, mules, honey, beeswax, bees.

<sup>6</sup> Kumquats, tangelos.

<sup>7</sup> Boysenberries, blackberries, blueberries, dewberries, loganberries, youngberries, currants, gooseberries, all other.

<sup>8</sup> Persimmons, pineapples, pomegranates, nectarines, bananas, guavas, jujubes, mangoes, papayas, prickly pears, quinces, sapodillas, loquats.

<sup>9</sup> Crested wheatgrass, meadow fescue, sunflower, Hungarian vetch seed.

<sup>10</sup> Payments under dairy, sheep and lamb, and beef production, agricultural conservation, Sugar Act, and price parity programs.

Bureau of Agricultural Economics.

TABLE 674.—Cash receipts from farming and value of products consumed by persons on farms where produced, by States, 1946

State and division	Cash receipts from farming				Value of home consumption				Cash receipts from farming and value of home consumption
	Farm marketings			Government payments	Total	Value of home consumption			
	Livestock and products	Crops	Total			Livestock and products	Crops	Total	
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	
Maine.....	51,757	82,872	134,629	3,208	137,837	8,804	8,257	17,061	154,898
New Hampshire.....	41,165	12,255	53,420	1,763	55,183	3,420	3,942	7,362	62,545
Vermont.....	83,266	14,995	98,261	7,528	105,789	5,318	5,879	11,197	116,986
Massachusetts.....	104,304	71,609	175,913	4,805	180,718	7,068	8,457	15,575	196,293
Rhode Island.....	13,542	6,384	19,926	791	20,717	890	824	1,714	22,431
Connecticut.....	78,834	51,312	130,146	3,977	134,123	5,363	5,381	10,744	144,867
New York.....	512,258	294,304	806,562	42,686	849,248	39,261	32,386	71,647	920,895
New Jersey.....	139,038	138,874	277,912	6,540	284,452	6,951	4,333	11,284	295,736
Pennsylvania.....	475,068	197,485	672,553	27,363	699,916	55,032	30,459	85,491	785,407
North Atlantic.....	1,490,232	870,090	2,360,322	98,661	2,467,983	132,127	99,948	232,075	2,700,058
Ohio.....	604,821	264,933	869,754	27,011	896,765	65,265	24,528	89,793	986,558
Indiana.....	602,276	255,271	857,547	21,784	879,331	50,168	17,334	67,502	946,833
Illinois.....	879,272	584,532	1,463,804	35,183	1,498,987	65,688	19,172	84,860	1,583,847
Michigan.....	402,815	248,235	651,050	29,034	680,084	41,161	25,052	66,213	746,297
Wisconsin.....	816,049	130,916	946,965	67,684	1,014,649	47,035	27,024	74,059	1,088,706
East North Central.....	3,305,233	1,483,887	4,789,120	180,696	4,969,816	269,317	13,110	382,427	5,352,243
Minnesota.....	812,391	245,077	1,057,468	51,894	1,109,362	53,265	21,661	74,926	1,184,288
Iowa.....	1,444,410	290,417	1,734,827	44,948	1,779,775	68,057	22,137	90,194	1,869,969
Missouri.....	680,189	197,165	877,354	25,021	902,375	73,303	35,703	109,006	1,011,078
North Dakota.....	181,880	330,109	511,989	20,426	532,415	23,064	5,015	28,079	560,194
South Dakota.....	310,987	176,785	487,772	15,074	502,846	20,278	4,445	24,723	527,469
Nebraska.....	563,192	277,924	841,116	23,639	864,755	35,534	6,785	42,319	907,074
Kansas.....	488,000	400,380	888,380	20,220	908,600	39,738	7,903	47,641	956,331
West North Central.....	4,480,839	1,917,857	6,398,696	201,222	6,599,918	313,239	103,346	416,585	7,016,503
Delaware.....	69,368	17,395	86,763	1,345	88,108	2,395	1,586	3,981	92,089
Maryland.....	131,213	77,876	209,089	6,163	215,252	13,956	6,684	20,640	235,892
Virginia.....	181,716	187,825	369,541	9,721	379,262	64,917	44,591	109,508	488,770
West Virginia.....	78,639	30,463	109,102	4,090	113,192	31,297	23,198	54,495	167,687
North Carolina.....	119,893	625,535	745,428	9,677	755,105	93,110	61,526	154,636	909,741
South Carolina.....	59,342	258,828	318,170	3,704	321,874	47,581	25,406	72,987	394,861
Georgia.....	120,612	292,197	412,809	7,412	420,221	78,932	48,889	127,821	548,042
Florida.....	80,207	331,935	412,142	5,484	417,626	13,331	9,361	22,692	440,318
South Atlantic.....	840,990	1,822,054	2,663,044	47,596	2,710,640	345,519	221,241	566,760	3,277,400
Kentucky.....	223,359	212,537	435,896	15,577	451,473	74,380	37,190	111,570	563,043
Tennessee.....	182,067	212,400	394,467	13,416	407,883	76,550	43,494	120,044	527,927
Alabama.....	101,645	207,136	308,781	6,843	315,624	74,648	51,334	125,982	441,606
Mississippi.....	95,708	209,682	305,390	9,935	315,325	61,591	49,881	111,472	426,797
Arkansas.....	125,234	312,663	437,897	6,756	444,653	50,726	35,490	86,225	530,878
Louisiana.....	82,725	172,732	255,457	11,795	267,252	36,447	21,652	58,099	325,351
Oklahoma.....	277,498	233,260	510,758	16,873	527,631	50,223	22,206	72,429	600,060
Texas.....	675,689	706,218	1,381,907	38,502	1,420,409	127,781	41,449	169,230	1,589,639
South Central.....	1,763,925	2,266,628	4,030,553	119,697	4,150,250	552,346	302,705	855,051	5,005,301
Montana.....	159,068	144,438	303,506	11,889	316,295	11,841	3,515	15,356	331,651
Idaho.....	120,286	179,502	299,788	10,239	310,027	10,422	3,708	14,130	324,157
Wyoming.....	91,994	34,887	126,881	4,618	131,499	5,216	1,128	6,344	137,843
Colorado.....	223,310	163,449	386,759	17,042	403,801	13,966	2,693	16,679	420,480
New Mexico.....	93,041	50,103	143,144	3,913	147,057	7,916	2,360	10,276	157,333
Arizona.....	58,796	102,955	161,751	3,153	164,904	4,744	1,150	5,894	170,793
Utah.....	94,170	42,591	136,761	5,872	142,633	7,012	2,264	9,276	151,909
Nevada.....	26,901	6,460	33,361	793	34,144	1,505	394	1,899	36,143
Washington.....	167,954	348,818	516,772	11,794	528,566	19,222	12,833	32,055	560,921
Oregon.....	153,055	201,684	354,739	8,766	363,505	14,845	9,785	24,630	388,135
California.....	619,176	1,529,062	2,148,238	45,729	2,194,007	24,418	10,305	34,723	2,228,730
.....	1,808,741	2,804,489	4,613,230	123,808	4,737,038	121,427	50,135	171,562	4,908,600
United States.....	13,698,960	11,165,005	24,863,965	771,680	25,635,645	1,733,975	890,485	2,624,460	28,260,105

## CASH RECEIPTS FROM FARMING, BY STATES

595

TABLE 675.—Cash receipts from farming and value of products consumed by persons on farms where produced, by States, 1947

State and division	Cash receipts from farming				Value of home consumption				Cash receipts from farming and value of home consumption
	Farm marketings			Government payments	Total	Live-stock and products	Crops	Total	
	Livestock and products	Crops	Total						
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Maine.....	60,830	114,972	175,802	1,203	177,005	9,792	10,945	20,737	197,742
New Hampshire.....	48,555	15,409	63,964	528	64,492	3,763	5,168	8,931	73,423
Vermont.....	91,152	23,280	114,432	1,071	115,503	6,147	7,648	13,795	129,298
Massachusetts.....	119,224	71,814	191,038	869	191,907	8,288	11,917	20,205	212,112
Rhode Island.....	15,889	6,391	21,980	128	22,108	1,045	1,071	2,116	24,224
Connecticut.....	89,539	57,371	146,910	650	147,560	5,874	7,119	12,993	160,553
New York.....	578,585	292,463	871,028	7,918	878,946	43,920	38,648	82,568	961,514
New Jersey.....	169,914	124,223	294,137	1,386	295,523	7,761	5,559	13,320	308,843
Pennsylvania.....	557,486	216,924	774,410	6,723	781,133	59,622	36,932	96,554	877,687
North Atlantic.....	1,730,854	922,847	2,653,701	20,476	2,674,177	146,212	125,007	271,219	2,945,396
Ohio.....	695,914	301,549	997,463	9,952	1,007,415	73,382	30,262	103,644	1,111,059
Indiana.....	751,525	314,622	1,066,147	8,324	1,074,471	55,545	19,868	75,413	1,149,884
Illinois.....	1,121,689	787,780	1,909,469	11,151	1,920,620	74,587	25,172	99,759	2,020,379
Michigan.....	446,193	267,280	713,473	10,288	723,761	44,729	30,132	74,861	798,622
Wisconsin.....	906,227	142,020	1,048,247	9,402	1,057,649	50,926	32,571	83,497	1,141,146
East North Central.....	3,921,548	1,813,251	5,734,799	49,117	5,783,916	299,169	138,005	437,174	6,221,090
Minnesota.....	952,927	391,181	1,344,108	8,888	1,352,996	59,238	28,594	87,832	1,440,828
Iowa.....	1,948,017	449,970	2,397,987	12,124	2,410,111	70,012	27,873	103,885	2,513,996
Missouri.....	854,693	228,232	1,082,925	12,286	1,095,211	81,562	47,080	128,642	1,223,853
North Dakota.....	199,855	511,602	711,457	6,814	718,271	24,902	6,255	31,157	749,428
South Dakota.....	397,730	288,451	686,181	5,996	692,177	22,075	5,687	27,762	719,930
Nebraska.....	674,562	413,788	1,088,350	13,568	1,101,918	40,948	9,000	49,948	1,151,866
Kansas.....	582,493	657,720	1,240,213	11,737	1,251,950	44,317	10,098	54,415	1,306,365
West North Central.....	5,610,277	2,940,944	8,551,221	71,413	8,622,634	349,054	134,587	483,641	9,106,275
Delaware.....	68,911	17,613	86,524	593	87,117	2,707	2,272	4,979	92,096
Maryland.....	144,446	90,789	235,235	2,743	237,978	15,811	8,398	24,209	262,187
Virginia.....	207,425	202,945	410,370	5,719	416,089	70,565	54,187	124,752	540,841
West Virginia.....	88,816	28,518	117,334	2,885	120,219	37,082	27,558	64,640	184,859
North Carolina.....	135,288	627,062	762,350	8,056	770,406	112,588	74,926	187,514	957,920
South Carolina.....	63,488	261,798	325,286	3,403	328,689	55,224	30,418	85,642	414,331
Georgia.....	187,176	356,224	543,400	8,542	551,942	93,317	57,893	151,210	703,152
Florida.....	91,997	253,479	345,476	4,284	349,760	16,216	11,438	27,654	377,414
South Atlantic.....	957,547	1,838,428	2,795,975	36,225	2,832,200	409,510	267,090	676,600	3,508,800
Kentucky.....	287,042	300,965	588,007	11,688	599,695	89,773	48,085	137,858	737,553
Tennessee.....	227,470	246,182	473,652	6,907	480,559	88,272	54,828	143,100	623,659
Alabama.....	120,363	272,290	392,653	4,673	397,326	87,916	62,414	150,330	547,656
Mississippi.....	116,671	372,532	489,203	6,827	496,030	72,180	61,894	134,074	630,104
Arkansas.....	153,514	346,539	500,053	6,788	506,841	58,371	44,394	102,765	609,606
Louisiana.....	107,434	222,289	329,723	9,079	338,802	40,065	27,806	67,871	406,673
Oklahoma.....	335,290	314,305	649,595	8,467	658,062	38,794	28,913	67,707	725,769
Texas.....	801,549	1,140,993	1,942,542	23,914	1,966,456	155,961	55,032	210,993	2,177,449
South Central.....	2,149,333	3,215,995	5,365,328	78,343	5,443,671	651,332	383,366	1,034,698	6,478,369
Montana.....	177,393	192,751	370,144	7,023	377,167	13,253	4,793	18,046	395,213
Idaho.....	145,747	216,938	362,685	6,069	368,754	11,708	4,546	16,254	385,008
Wyoming.....	107,364	42,564	149,928	3,622	153,550	6,046	1,556	7,602	161,152
Colorado.....	258,614	258,564	517,178	11,321	528,499	16,263	3,369	19,632	548,131
New Mexico.....	102,262	74,664	176,926	3,689	180,615	8,841	2,897	11,738	192,353
Arizona.....	71,808	119,974	191,842	2,165	194,007	5,487	1,419	6,906	200,913
Utah.....	103,723	51,719	155,442	3,123	158,565	7,633	2,915	10,548	169,113
Nevada.....	39,449	6,423	45,872	404	46,276	1,583	489	2,072	48,348
Washington.....	192,364	387,542	579,906	3,803	583,709	22,569	17,201	39,770	623,279
Oregon.....	170,136	300,711	470,847	4,016	474,863	16,485	11,044	27,529	502,392
California.....	751,954	1,412,751	2,164,705	13,004	2,177,709	28,377	12,858	41,235	2,218,944
Western.....	2,120,874	2,964,401	5,085,275	58,239	5,143,514	138,245	63,087	201,332	5,344,846
United States.....	16,490,433	13,605,866	30,186,299	313,813	30,500,112	1,993,522	1,111,142	3,104,664	33,604,776

TABLE 676.—*Net income from agriculture and Government payments to persons living on farms and those living off farms, United States, 1929-47*<sup>1</sup>

Year	Persons living on farms					Persons not living on farms					Total net income from agriculture and Government payments <sup>3</sup>
	Farm operators				Farm wages to farm laborers on farms <sup>4</sup>	Net income from farming <sup>5</sup>	Farm wages to laborers not on farms <sup>4</sup>	Farm mortgage interest <sup>6</sup>	Net rent to non-farm landlords <sup>7</sup>	Net income from farming	
	Gross farm income	Production expenses	Realized net income <sup>8</sup>	Adjustment for changes in inventory <sup>9</sup>							
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	
	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars
1929.....	13,824	7,780	6,044	-166	863	6,741	421	582	672	1,675	8,416
1930.....	11,388	7,059	4,329	+11	774	5,114	360	572	522	1,454	6,568
1931.....	8,378	5,634	2,744	+150	588	3,482	259	559	320	1,138	4,620
1932.....	6,406	4,574	1,832	+40	413	2,285	171	534	227	932	3,217
1933.....	7,055	4,374	2,681	-56	368	2,993	144	472	315	931	3,924
1934.....	8,486	4,727	3,759	-660	432	3,531	169	430	409	1,008	4,539
1935.....	9,595	5,111	4,484	+38	530	5,052	210	396	491	1,097	6,149
1936.....	10,643	5,581	5,062	-331	630	5,361	250	364	532	1,146	6,507
1937.....	11,265	6,126	5,139	+213	741	6,093	298	341	610	1,149	7,242
1938.....	10,071	5,744	4,327	+5	709	5,041	291	320	458	1,069	6,110
1939.....	10,547	6,088	4,459	+107	696	5,262	286	305	502	1,093	6,355
1940.....	11,008	6,489	4,519	+96	725	5,340	297	293	460	1,050	6,390
1941.....	13,885	7,479	6,406	+374	879	7,659	364	286	710	1,360	9,019
1942.....	18,559	9,467	9,092	+928	1,154	11,174	479	273	982	1,734	12,908
1943.....	23,024	10,899	12,125	+536	1,422	14,083	597	247	1,088	1,932	16,015
1944.....	24,185	11,934	12,251	-402	1,542	13,391	655	236	1,204	2,095	15,486
1945.....	25,434	12,901	12,533	-439	1,622	13,716	690	220	1,221	2,131	15,847
1946.....	29,238	14,385	14,853	-126	1,788	16,515	762	216	1,357	2,335	18,850
1947 <sup>2</sup> .....	34,705	16,874	17,831	-1,235	1,952	18,548	839	222	1,534	2,595	21,143

<sup>1</sup> Recent revisions prior to 1940 not incorporated, as more comprehensive revisions are contemplated within the coming year.

<sup>2</sup> Column 1 minus column 2.

<sup>3</sup> An adjustment to gross income for sales out of inventory or for the net addition to inventories from production during the year. Computed by valuing changes in the numbers of livestock on farms and in the quantities of crops held for sale from one Jan. 1 to the next by prices at the end of the year.

<sup>4</sup> Cash wages and value of perquisites supplied to laborers, distributed according to place of residence.

<sup>5</sup> Includes net income of farm operators from farming, adjustment for changes in inventory, and farm wages to farm laborers living on farms (total of columns 3, 4, and 5).

<sup>6</sup> Interest charges payable during the calendar year on outstanding farm-mortgage debt.

<sup>7</sup> Gross rent paid to nonfarm landlords minus the expenses of agricultural production charged against them. Beginning with 1940, farm mortgage interest paid by nonfarm landlords is also deducted. For earlier years, this item is duplicated in the farm mortgage interest series.

<sup>8</sup> Includes net income to persons on farms from farming and other income from agriculture (column 6 plus column 10).

<sup>9</sup> Preliminary.

Bureau of Agricultural Economics.

TABLE 677.—*Net income of persons on farms from farming (including Government payments), compared with income of persons not on farms, United States, 1929-47<sup>1</sup>*

Year	Total national income <sup>2</sup>	Net income of persons on farms from farming <sup>3</sup>	Income of persons not on farms <sup>4</sup>	Population, Jan. 1		Income per person		Index numbers of income per person (1910-14=100)		Parity income ratio <sup>7</sup>
				Farm <sup>5</sup>	Non-farm <sup>6</sup>	On farms from farming	Not on farms <sup>4</sup>	On farms from farming	Not on farms	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	
	Million dollars	Million dollars	Million dollars	Thousands	Thousands	Dollars	Dollars			Percent
1929	85,954	6,741	79,213	30,220	90,916	223	871	166	179	93
1930	75,364	5,114	70,250	30,169	92,271	170	761	126	156	81
1931	59,853	3,482	56,371	30,485	93,158	114	605	85	124	68
1932	43,605	2,285	41,320	31,028	93,448	74	442	55	91	61
1933	42,006	2,993	39,013	32,033	93,190	93	419	69	86	81
1934	49,448	3,531	45,917	31,945	94,066	111	488	83	100	83
1935	56,398	5,052	51,346	31,801	95,064	159	540	118	111	107
1936	65,707	5,361	60,346	31,377	96,343	171	626	127	128	99
1937	71,556	6,093	65,463	30,906	97,569	197	671	147	138	107
1938	66,412	5,041	61,371	30,620	98,735	165	622	123	128	96
1939	71,515	5,262	66,253	30,480	99,926	173	663	129	136	95
1940	78,344	5,340	73,004	30,269	101,187	176	721	130	148	88
1941	95,257	7,659	87,598	29,988	102,650	255	853	188	175	107
1942	122,385	11,174	111,211	29,048	104,905	385	1,060	284	217	131
1943	151,259	14,083	137,176	26,659	108,987	528	1,259	389	258	151
1944	162,693	13,391	149,302	25,521	111,847	625	1,335	387	274	141
1945	162,820	13,716	149,104	25,190	113,733	544	1,311	401	269	149
1946	168,438	16,515	151,923	26,850	113,544	615	1,338	453	274	165
1947 <sup>8</sup>	190,799	18,548	172,251	27,550	115,144	673	1,496	496	307	162

<sup>1</sup> Recent revisions prior to 1940 not incorporated, as more comprehensive revisions are contemplated within the coming year.

<sup>2</sup> Estimates for 1929-45 prepared from income estimates of the Department of Commerce. Original data were adjusted to be comparable throughout, and minor adjustments were made in estimates of nonagriculture income so that the method of computation and sources of income included would be more nearly in agreement with those used in estimating agriculture's contribution to the national income.

<sup>3</sup> Includes net income of farm operators from farming and farm wages to laborers living on farms.

<sup>4</sup> The income of the nonfarm population as shown here is national income minus the net income of persons on farms from farming (column 1 minus column 2). Income of persons from non-agricultural sources has not been deducted.

<sup>5</sup> The population on farms includes all persons enumerated on farms in the taking of the census, whether or not they were engaged in farming, adjusted to Jan. 1 in the years when the census was not taken as of Jan. 1. Estimates for the intercensal years were made by the Department of Agriculture.

<sup>6</sup> Total population Jan. 1, less the farm population.

<sup>7</sup> Obtained by dividing the index number of income per person on farms from farming by the index number of income per person not on farms (column 8 divided by column 9). This provides a measure of the relation of the net income of individuals on farms from farm operations to the net income of individuals not on farms, as specified in the Agricultural Adjustment Act of 1938.

<sup>8</sup> Preliminary.

Bureau of Agricultural Economics.

TABLE 678.—*Rent on farm real estate: Estimated gross and net rent payable to landlords, including Government payments received, and amount of Government payments, United States, 1929-48*

Year	Gross rent due landlords	Estimated expenses of land lords	Net rent			Government payments <sup>1</sup>	
			Total	Due landlords living on farms	Due landlords not living on farms	Received by landlords living on farms	Received by landlords not living on farms
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1929.....	1,621,474	559,228	1,062,246	389,844	672,402	.....	.....
1930.....	1,315,609	505,170	810,439	288,516	521,923	.....	.....
1931.....	906,477	414,375	492,102	171,744	320,358	.....	.....
1932.....	668,935	325,918	343,017	116,969	226,048	.....	.....
1933.....	792,532	313,788	478,744	164,209	314,535	9,467	18,133
1934.....	953,323	331,289	622,034	213,358	408,676	25,314	48,486
1935.....	1,101,377	374,534	726,843	233,497	493,346	35,964	75,036
1936.....	1,187,144	399,130	788,014	239,257	548,757	17,865	36,435
1937.....	1,217,545	457,403	760,142	250,087	510,055	26,057	53,143
1938.....	1,080,191	408,047	672,144	214,414	457,730	32,538	69,462
1939.....	1,170,178	436,106	734,072	231,967	502,105	47,274	102,326
1940.....	1,210,243	455,886	754,357	237,622	516,735	44,371	96,490
1941.....	1,570,320	481,730	1,088,590	360,323	728,267	34,088	72,438
1942.....	2,009,935	499,466	1,510,469	499,965	1,010,504	39,974	86,524
1943.....	2,235,061	526,859	1,708,202	558,582	1,149,620	37,763	81,741
1944.....	2,298,925	541,894	1,757,031	581,577	1,175,454	44,624	88,543
1945.....	2,337,819	560,463	1,797,356	585,938	1,211,418	41,670	83,238
1946.....	2,896,172	711,503	2,184,669	705,648	1,479,021	43,748	86,842
1947.....	3,219,698	879,558	2,340,140	751,185	1,588,955	17,061	35,939
1948 <sup>2</sup> .....	3,214,914	963,996	2,250,918	722,545	1,528,373	16,384	34,656

<sup>1</sup> These payments are already included in the columns showing gross rent and net rent.

<sup>2</sup> Preliminary.

Bureau of Agricultural Economics.



## FARM FAMILY EXPENDITURES

599

TABLE 679.—*Spending for family living: Average expenditures for selected items by account-keeping farm families in four States, 1936-47*

## ILLINOIS

Year	Annual expenditure per family				Average family size	Year	Annual expenditure per family				Average family size
	Food	Clothing	Medical care	Furniture and equipment			Food	Clothing	Medical care	Furniture and equipment	
	Dollars	Dollars	Dollars	Dollars	Persons		Dollars	Dollars	Dollars	Dollars	Persons
1936....	224	148	68	94	4.0	1942...	311	232	124	164	3.8
1937....	255	158	72	126	3.8	1943....	352	246	137	124	3.7
1938....	233	144	75	99	3.9	1944....	385	249	144	121	3.7
1939....	227	150	81	104	3.8	1945....	401	260	178	118	3.7
1940....	235	154	92	122	3.8	1946....	459	311	196	237	3.4
1941....	267	184	95	145	3.9	1947....	541	356	190	367	3.4

## KANSAS

1936....	214	107	76	123	4.2	1942...	322	180	109	186	4.4
1937....	233	138	67	131	4.0	1943....	352	198	115	96	3.9
1938....	232	124	78	93	4.0	1944....	398	230	112	92	3.9
1939....	223	123	85	85	4.0	1945....	387	209	168	100	3.8
1940....	224	130	75	86	4.2	1946....	463	270	202	207	3.7
1941....	241	140	76	158	4.1	1947....	553	345	200	365	3.9

## SOUTHEAST MINNESOTA

1936....	281	125	58	76	4.2	1942...	401	204	118	143	4.5
1937....	304	127	81	97	4.4	1943....	414	203	128	85	4.3
1938....	283	109	70	84	4.5	1944....	419	167	130	77	3.9
1939....	277	101	76	118	4.6	1945....	413	207	138	76	4.1
1940....	294	124	90	97	4.2	1946....	536	259	155	178	4.0
1941....	329	159	92	123	4.2	1947....	617	309	157	335	3.9

## IOWA

1936....	250	142	67	(1)	4.0	1942...	341	225	97	(1)	4.2
1937....	270	202	70	(1)	4.4	1943....	371	236	119	(1)	4.2
1938....	259	156	77	(1)	4.5	1944....	404	271	129	(1)	4.2
1939....	249	154	89	(1)	4.4	1945....	401	281	139	(1)	4.2
1940....	243	152	88	(1)	4.3	1946....	475	338	167	(1)	4.2
1941....	294	183	90	(1)	4.2	1947....	596	396	258	(1)	4.1

## AVERAGE FOR ALL FOUR STATES

1936....	245	133	66	<sup>2</sup> 94	4.1	1942...	345	213	112	<sup>2</sup> 162	4.2
1937....	268	158	73	<sup>2</sup> 117	4.2	1943....	374	223	126	<sup>2</sup> 103	4.0
1938....	253	134	75	<sup>2</sup> 92	4.2	1944....	401	230	131	<sup>2</sup> 96	3.9
1939....	246	133	81	<sup>2</sup> 105	4.2	1945....	402	243	155	<sup>2</sup> 98	4.0
1940....	251	141	87	<sup>2</sup> 104	4.1	1946....	485	297	178	<sup>2</sup> 208	3.8
1941....	286	169	89	<sup>2</sup> 140	4.1	1947....	578	352	201	<sup>2</sup> 355	3.8

<sup>1</sup> Data not available.<sup>2</sup> Average for Illinois, Kansas, and southeast Minnesota.

Bureau of Human Nutrition and Home Economics. Compiled from annual summaries of farm and family accounts submitted to State colleges.

TABLE 680.—Average money expenditures for family living, North Central and Southern farm operator families, classified by gross cash income, 1945 (preliminary)

NORTH CENTRAL<sup>1</sup>

Gross cash income class (dollars) <sup>2</sup>	Total expenditures for family living	Food	Housing	Household operation		Furnishings and equipment	Clothing	Automobile and other transportation	Personal care	Medical care	Recreation	Tobacco	Reading and education	Gifts	Miscellaneous expenses	Average family size
				Fuel, light, and refrigeration	Other expenses											
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Persons
All incomes <sup>4</sup> .....	1,425	490	38	110	58	79	257	69	35	101	35	22	25	88	18	3.7
0-999.....	772	299	15	58	33	28	125	48	21	51	14	17	11	27	25	3.0
1,000-1,999.....	1,062	405	28	85	44	38	179	59	24	99	17	16	20	41	7	3.6
2,000-2,999.....	1,228	466	38	102	48	56	217	59	31	68	31	21	21	55	15	3.7
3,000-3,999.....	1,464	489	29	113	59	91	265	74	38	117	39	24	26	83	17	3.9
4,000-4,999.....	1,490	475	38	122	56	83	271	74	36	113	40	24	27	99	32	3.5
5,000-5,999.....	1,638	561	32	125	73	99	295	78	38	96	41	20	30	123	23	3.9
6,000-6,999.....	2,123	694	41	147	103	140	340	72	50	136	63	34	34	146	15	4.4
7,500-9,999.....	2,123	694	41	147	103	140	340	72	50	136	63	34	34	146	15	4.4
10,000 and over.....	2,291	671	88	181	168	137	431	89	57	138	62	34	42	236	22	4.4

SOUTH<sup>3</sup>

Gross cash income class (dollars) <sup>2</sup>	Total expenditures for family living	Food	Housing	Household operation		Furnishings and equipment	Clothing	Automobile and other transportation	Personal care	Medical care	Recreation	Tobacco	Reading and education	Gifts	Miscellaneous expenses	Average family size
				Fuel, light, and refrigeration	Other expenses											
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Persons
All incomes <sup>4</sup> .....	1,038	383	25	42	34	58	226	61	28	70	17	24	18	40	12	4.1
0-999.....	552	264	6	18	15	23	113	18	13	35	4	16	5	15	7	3.2
1,000-1,999.....	772	320	13	26	19	40	175	34	18	55	9	19	11	19	11	3.9
2,000-2,999.....	877	338	19	34	21	49	204	58	25	51	12	23	12	23	15	4.5
3,000-3,999.....	1,107	418	30	47	30	62	237	70	29	72	16	29	16	36	15	4.9
4,000-4,999.....	1,222	425	39	61	35	70	266	83	33	76	20	27	23	48	16	4.5
5,000-5,999.....	1,394	473	39	66	40	88	317	93	38	87	21	25	32	59	16	4.5
6,000-6,999.....	1,574	541	25	71	55	88	338	92	44	107	35	41	25	80	32	4.0
7,500-9,999.....	1,838	571	47	86	66	138	381	105	56	148	45	40	37	99	19	4.1
10,000 and over.....	2,334	734	111	111	79	177	517	113	75	131	80	38	63	110	14	4.6
	2,515	713	68	107	215	111	482	166	75	185	86	35	68	138	21	3.8

<sup>1</sup> Based on reports of 686 farm operator families in the East and West North Central States.<sup>2</sup> Gross cash income is the sum of receipts from farm marketings, Government payments, wages and salaries from off-farm work and other nonfarm income. Farm expenses are not deducted.<sup>3</sup> In year-equivalent persons.<sup>4</sup> Includes 25 families in the North Central States having unknown incomes. Based on reports of 1,130 farm operator families in the South Atlantic, East South Central, and West South Central States.<sup>5</sup> Includes 27 families in the Southern States having unknown incomes. Bureau of Human Nutrition and Home Economics. Compiled from the Survey of Farm Family Living Expenses, 1945.

TABLE 681.—*Farm-operator family level-of-living indexes: County averages, by States, 1940 and 1945*<sup>1</sup>

State and division	Average county index value		Change, 1940 to 1945	
	1940	1945	Index points	Percentage of 1940 index value
				<i>Percent</i>
Maine.....	98	116	18	18
New Hampshire.....	115	137	22	19
Vermont.....	106	125	19	18
Massachusetts.....	127	152	25	20
Rhode Island.....	138	158	20	14
Connecticut.....	138	170	32	23
New England.....	115	137	22	19
New York.....	120	145	25	21
New Jersey.....	140	176	36	26
Pennsylvania.....	102	122	20	20
Middle Atlantic.....	114	139	25	23
Ohio.....	113	134	21	19
Indiana.....	111	134	23	21
Illinois.....	113	139	26	23
Michigan.....	99	117	18	18
Wisconsin.....	107	131	24	22
East North Central.....	109	131	22	20
Minnesota.....	107	130	23	21
Iowa.....	133	162	29	22
Missouri.....	78	93	15	19
North Dakota.....	84	111	27	32
South Dakota.....	87	107	20	23
Nebraska.....	105	132	27	26
Kansas.....	101	135	34	34
West North Central.....	100	125	25	25
Delaware.....	100	136	36	36
Maryland.....	91	121	30	33
Virginia.....	58	72	14	24
West Virginia.....	54	65	11	20
North Carolina.....	46	60	14	30
South Carolina.....	41	55	14	34
Georgia.....	37	52	15	41
Florida.....	54	75	21	39
South Atlantic.....	49	65	16	33
Kentucky.....	49	61	12	24
Tennessee.....	36	50	14	39
Alabama.....	25	38	13	52
Mississippi.....	22	32	10	45
East South Central.....	35	48	13	37
Arkansas.....	25	37	12	48
Louisiana.....	34	51	17	50
Oklahoma.....	62	79	17	27
Texas.....	79	101	22	28
West South Central.....	62	81	19	31
Montana.....	83	107	24	29
Idaho.....	99	128	29	29
Wyoming.....	102	124	22	22
Colorado.....	96	122	26	27
New Mexico.....	(?)	70	(?)	(?)
Arizona.....	(?)	115	(?)	(?)
Utah.....	89	104	15	17
Nevada.....	105	129	24	23
Mountain.....	91	113	22	24

See footnotes at end of table.

TABLE 681.—*Farm-operator family level-of-living indexes: County averages, by States, 1940 and 1945*<sup>1</sup>—Continued

State and division	Average county index value		Change, 1940 to 1945	
	1940	1945	Index points	Percentage of 1940 index value
				<i>Percent</i>
Washington.....	113	145	32	28
Oregon.....	112	136	24	21
California.....	132	161	29	22
Pacific.....	121	150	29	24
United States.....	80	100	20	25

<sup>1</sup> Indexes based on data from the 1940 and the 1945 Census of Agriculture. The index value shown for a State or a division is the unweighted average of the index values for all counties of that State or division.

The items on which the indexes of farm operator level-of-living are based include: (1) The percentage of farms with electricity in the farm dwelling; (2) the percentage of farms with telephone in farm dwelling; (3) the percentage of farms with automobiles; and (4) the average value of products sold or traded in the preceding year per farm reporting (adjusted for changes in purchasing power). The indexes show only the average level of living for a county and do not throw any light on the differences among farm operator families within the county.

<sup>2</sup> Indexes for 1940 were not computed for 11 counties in Arizona, 9 in New Mexico, and 1 in Utah; hence State averages are not shown for Arizona and New Mexico. Comparable data could not be obtained for these 21 counties because of differences between the two censuses in obtaining information on Indians living in reservations in these counties. The 1945 indexes for these counties are based on returns that do not include Indians in reservations.

Bureau of Agricultural Economics. Further details can be found in the processed report: Farm Operator Family Level-of-Living Indexes for Counties of the United States, 1940 and 1945.

## FOOTNOTES FOR TABLE 682:

<sup>1</sup> Preliminary estimates. In computing averages, data were weighted by acreage harvested.

<sup>2</sup> Obtained by dividing total pounds of production of 500-pound gross-weight bales by the acreage harvested.

<sup>3</sup> Includes hauling and spreading manure.

<sup>4</sup> Includes picking and snapping cotton, hauling to gin, hauling lint and cottonseed to local markets.

<sup>5</sup> Includes miscellaneous labor, irrigation (including water), dusting, picking sacks and sheets, use of implements, use of storage buildings, overhead, and a charge for expenses incurred on acreage abandoned because of crop failure.

<sup>6</sup> Includes a charge for rent on the acreage not harvested because of crop failure.

<sup>7</sup> Estimated cost in 1946, if cotton yield and acreage abandonment had been the average of 1936-45. The average United States yield per harvested acre in that period was 260 pounds of lint (gross weight).

<sup>8</sup> Includes the lower and upper coastal plain of Virginia, North Carolina, South Carolina, Georgia, Florida, Alabama, Mississippi, Louisiana, and the black prairie belt of Alabama and Mississippi.

<sup>9</sup> Includes the rolling and hilly uplands of Virginia, North Carolina, South Carolina, Georgia and Alabama, which border the Blue Ridge Mountains on the east and south.

<sup>10</sup> Includes Tennessee exclusive of Lake County, the hilly cotton lands of northern Mississippi, northern Alabama, and northern Georgia, and western North Carolina.

<sup>11</sup> Includes the principal bottom lands of the Mississippi, the Arkansas, and the Red Rivers.

<sup>12</sup> Includes the hilly lands of Arkansas, Louisiana, southern Missouri, eastern Texas, and eastern Oklahoma.

<sup>13</sup> Includes the Gulf-coast prairie of Texas and Louisiana, and the black waxy prairie of Texas.

<sup>14</sup> Includes the dry-land areas of western Oklahoma, western Texas, and eastern New Mexico.

<sup>15</sup> Includes California, Arizona, and the irrigated cotton of New Mexico and Texas.

<sup>16</sup> Includes all cotton in Virginia, North Carolina, South Carolina, Georgia, Florida, Alabama, Tennessee, Mississippi, Louisiana, Arkansas, Missouri, Oklahoma, Texas, New Mexico, California, and Arizona. These States produced 99.9 percent of the United States cotton crop of 1946.

Bureau of Agricultural Economics.

# COST OF PRODUCING COTTON

603

TABLE 682.—Cotton: Estimated cost of production, by selected States and regions, 1946, and the estimated cost per pound of lint on a 10-year average yield basis<sup>1</sup>

State and region	Acre- age yield har- vested	Aver- age yield of lint per acre	Gross cost per acre										Credit per acre for cotton- seed		Net cost of lint per acre		Net cost of lint per pound			
			Pre- pare and plant	Culti- vate and hoe	Har- vest	Fer- til- izer and ma- ture	Seed	Ginn- ing	Mis- cella- neous	Land rent	Total	Exclud- ing rent	Includ- ing rent	Exclud- ing rent	Includ- ing rent	1946 yield basis	1936-45 yield basis <sup>1</sup>			
STATE																				
North Carolina	1,000	386	12.88	18.55	41.35	11.36	1.63	4.85	8.12	12.93	111.37	Dollars	Dollars	21.81	76.03	89.56	19.9	23.2	24.4	24.4
South Carolina	570	363	9.76	15.20	30.35	11.71	1.50	4.49	7.68	12.69	12.51	Dollars	Dollars	19.58	61.07	60.16	16.8	19.1	21.6	21.6
Georgia	960	230	10.17	15.16	19.86	9.99	1.60	2.87	7.20	5.48	71.47	Dollars	Dollars	19.58	57.68	58.98	23.3	25.6	24.3	24.3
Alabama	1,510	269	9.83	15.48	23.93	9.21	1.65	3.63	7.37	7.27	78.47	Dollars	Dollars	19.58	57.68	67.97	21.3	24.1	24.4	24.4
Tennessee	620	419	8.09	14.09	40.21	3.44	1.46	6.49	7.12	10.29	92.39	Dollars	Dollars	24.42	52.83	63.86	22.4	26.2	17.9	17.9
Mississippi	2,220	236	8.95	16.45	21.61	4.66	1.77	3.55	9.09	11.03	77.11	Dollars	Dollars	13.25	57.68	67.97	21.3	27.1	21.2	21.2
Arkansas	800	154	7.87	17.96	12.86	2.99	2.01	2.35	8.37	8.92	63.33	Dollars	Dollars	7.66	46.75	55.67	30.4	36.1	18.6	18.6
Louisiana	1,700	377	9.07	17.24	39.36	3.26	1.84	6.74	6.72	8.33	92.56	Dollars	Dollars	22.53	70.03	70.03	16.4	18.6	19.9	19.9
Oklahoma	1,020	128	6.77	13.16	12.93	-37	1.80	2.85	6.34	5.52	49.43	Dollars	Dollars	8.45	35.26	40.78	27.5	31.9	26.2	26.2
Texas	6,000	139	5.77	10.77	12.93	-42	1.51	2.60	6.68	6.90	47.60	Dollars	Dollars	8.48	32.52	39.12	23.4	28.1	23.3	23.3
REGION																				
Coastal Plain	2,551	222	9.96	15.98	19.86	8.91	1.65	2.92	7.96	7.70	74.94	Dollars	Dollars	11.66	55.58	63.28	25.0	28.5	24.0	24.0
Piedmont	1,510	311	10.82	15.73	28.50	10.25	1.57	3.72	7.48	7.85	85.92	Dollars	Dollars	17.39	60.68	68.53	19.5	22.0	15.3	15.3
Eastern hilly areas	2,177	322	9.52	15.20	29.26	6.54	1.62	4.51	7.42	8.58	82.65	Dollars	Dollars	17.29	56.78	65.36	17.6	20.1	18.4	18.4
River bottom areas	2,465	340	8.20	19.15	34.51	3.02	1.85	6.17	8.68	11.86	93.44	Dollars	Dollars	20.33	61.25	73.11	17.5	20.0	18.4	18.4
Black prairie and Texas black prairie	2,124	250	9.14	15.48	23.10	2.52	1.83	4.08	6.83	6.29	69.27	Dollars	Dollars	13.25	49.73	56.02	21.6	24.4	22.2	22.2
Western dry areas	2,977	121	5.55	12.19	11.51	.44	2.00	2.14	6.00	7.45	47.98	Dollars	Dollars	7.47	32.96	40.41	27.2	33.4	24.9	24.9
Irrigated areas	2,934	135	4.84	8.36	12.70	.15	1.96	2.00	5.39	5.39	41.53	Dollars	Dollars	8.05	28.14	33.53	20.8	24.8	20.0	20.0
United States	863	575	11.44	16.31	60.18	.62	1.96	9.26	21.62	19.27	143.66	Dollars	Dollars	38.38	86.01	105.28	15.0	18.3	20.7	20.7
United States	17,002	245	8.10	14.35	23.53	3.84	1.76	3.96	8.01	8.37	71.97	Dollars	Dollars	14.25	49.35	57.72	20.1	23.6	22.5	22.5

See footnotes at bottom of page 602.

TABLE 683.—*Corn, wheat, and oats: Estimated cost of production in 1946 and the estimated cost per bushel on a 10-year average yield basis*<sup>1</sup>

[illegible]

OATS													
Eastern:													
North:													
Ohio.....	2,455	35.1	8.14	8.19	2.21	4.77	2.45	4.84	0.19	36.79	4.25	28.35	32.54
South:	2,509	28.7	4.74	6.72	1.83	3.40	1.83	3.93	3.08	28.13	2.10	20.35	20.03
Indiana.....	2,795	42.0	4.65	5.82	1.83	1.88	1.83	3.65	28.59	1.89	18.14	26.70	26.70
Michigan, Wisconsin, and Minnesota.....													
Northwestern:	9,786	40.3	5.53	7.16	1.83	1.33	2.31	3.94	5.72	27.87	2.65	19.49	25.21
Illinois and Iowa.....	9,441	39.9	3.49	6.23	1.77	.64	2.44	3.43	9.42	27.42	1.38	16.62	26.04
Missouri, Nebraska, Kansas, South Dakota, and North Dakota.....	11,650	28.5	3.82	6.04	1.50	.44	1.80	3.18	4.12	20.90	1.10	15.08	19.80
Southwestern:	3,198	22.3	4.19	5.05	1.30	.50	1.79	3.41	4.50	20.74	.89	15.35	19.85
Western:	1,571	34.0	7.19	6.52	2.09	.83	1.73	6.83	7.01	32.20	1.63	23.56	30.57
United States.....	43,205	34.7	4.63	6.42	1.71	1.19	2.12	3.73	6.27	26.07	1.80	18.00	24.27

<sup>1</sup> Preliminary estimates. States grouped mainly on basis of production practices and yields. In computing averages, data were weighted by acreage harvested.

<sup>2</sup> Includes hauling and spreading manure.

<sup>3</sup> Includes threshing for wheat and oats.

<sup>4</sup> Includes charges for water for irrigation, twine and sacks, use of implements, use of storage buildings, overhead including a small amount of miscellaneous labor, and a charge for expenses incurred on acreage abandoned because of crop failure.

<sup>5</sup> Includes a charge for rent on the acreage not harvested because of crop failure.

<sup>6</sup> Estimated costs in 1945 if yields and abandonment had been the average of 1934-45. The average United States yield per acre harvested in that period was for corn for grain 29.9 bushels, for wheat 15.6 bushels, and for oats 31.2 bushels.

<sup>7</sup> Includes the 6 New England States, and New York, New Jersey, Pennsylvania, Delaware, Maryland, Virginia, West Virginia, Kentucky, and Tennessee.

<sup>8</sup> Includes North Carolina, South Carolina, Georgia, Florida, Alabama, and Mississippi.

<sup>9</sup> Includes Arkansas, Louisiana, Oklahoma, and Texas.

<sup>10</sup> Includes Montana, Idaho, Wyoming, Colorado, New Mexico, Arizona, Utah, Nevada, Washington, Oregon, and California.

<sup>11</sup> Includes New York, New Jersey, Pennsylvania, Delaware, Maryland, Virginia, West Virginia, and Kentucky.

<sup>12</sup> Includes North Carolina, South Carolina, Georgia, Tennessee, Alabama, Mississippi, and Arkansas.

<sup>13</sup> Includes Idaho, New Mexico, Arizona, Utah, Nevada, Washington, Oregon, and California.

Bureau of Agricultural Economics.



TABLE 684.—*Production expenses of farm operators, United States, 1929-47*<sup>1</sup>

Year	Feed bought	Live-stock bought, excluding work stock	Fertilizer and lime	Operation of motor vehicles <sup>2</sup>	Maintenance or depreciation of buildings, machinery and equipment <sup>3</sup>	Wages of hired farm labor <sup>4</sup>	Farm property taxes levied <sup>5</sup>	Farm mortgage interest <sup>6</sup>	Net rent to non-farm landlords <sup>7</sup>	Other expenses <sup>8</sup>	Total production expenses
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars
1929.....	919	461	293	509	1,273	1,284	641	582	672	1,146	7,780
1930.....	791	312	288	496	1,231	1,134	638	572	522	1,075	7,059
1931.....	448	220	202	420	1,047	847	581	559	320	990	5,634
1932.....	348	164	125	384	890	584	504	534	227	814	4,574
1933.....	422	168	128	374	805	512	434	472	315	744	4,374
1934.....	542	152	158	406	830	601	420	430	409	779	4,727
1935.....	528	269	177	435	870	740	431	396	491	774	5,111
1936.....	755	228	196	456	936	880	436	364	532	798	5,581
1937.....	805	282	248	512	1,039	1,039	448	341	510	902	6,126
1938.....	557	310	226	520	1,048	1,000	444	320	458	861	5,744
1939.....	732	404	240	545	1,088	982	452	305	502	838	6,088
1940.....	998	476	261	583	1,098	1,022	444	293	460	854	6,489
1941.....	1,089	585	292	644	1,236	1,243	455	286	710	939	7,479
1942.....	1,025	799	352	811	1,407	1,633	458	273	982	1,127	9,467
1943.....	2,137	779	423	926	1,579	2,019	470	247	1,088	1,231	10,899
1944.....	2,427	677	476	1,062	1,871	2,197	492	236	1,304	1,292	11,934
1945.....	2,702	870	510	1,113	2,067	2,312	551	220	1,221	1,335	12,901
1946.....	2,974	1,063	620	1,286	2,215	2,550	614	216	1,357	1,490	14,385
1947 <sup>9</sup> .....	3,783	1,302	685	1,505	2,579	2,701	705	222	1,534	1,768	16,874

<sup>1</sup> Recent revisions prior to 1940 not incorporated, as more comprehensive revisions are contemplated within the coming year.

<sup>2</sup> Includes expenditures for gasoline, oil, tires, and labor for repairing tractors; and gasoline, oil, tires, replacement parts, labor for repairs, registration fees, and insurance for automobiles and trucks. Only 40 percent of the total operating costs of automobiles is included as a production expense for 1929-41 and 1946; 50 percent for 1942-45.

<sup>3</sup> Estimated total amount that would need to be spent annually by farmers for labor and materials in order to maintain the condition of buildings, machinery, and equipment on farms at the beginning of the year in a constant state of repair.

<sup>4</sup> Cash wages and the value of perquisites supplied to hired farm laborers.

<sup>5</sup> Includes taxes levied against farm real estate and farm personal property.

<sup>6</sup> Interest charges payable during the calendar year on outstanding farm-mortgage debt.

<sup>7</sup> Gross rent paid to nonfarm landlords, including Government payments, minus the expenses of agricultural production charged against them. Beginning with 1940, farm mortgage interest paid by nonfarm landlords is also deducted. For earlier years, this item is duplicated in the farm mortgage interest series.

<sup>8</sup> Includes expenditures for horses and mules, insecticides, containers, twine, ginning, seeds and nursery stock, miscellaneous expenditures for operation of greenhouses and nurseries, electricity for production; gasoline, oil, and repairs for operating stationary gasoline and steam engines; grazing fees, irrigation charges; fire, windstorm, hail, and crop insurance; veterinary services and medicines, miscellaneous dairy supplies, blacksmithing and miscellaneous hardware supplies, short-term interest, and tolls for boiling down sugarcane sirup and sorgo sirup.

<sup>9</sup> Preliminary.

Bureau of Agricultural Economics.

# LABOR REQUIRED ON FARMS

607

TABLE 685.—Labor required on farms: Estimated requirements in terms of man-hours for all farm work, by enterprises, United States, selected periods and years, 1910-47<sup>1</sup>

Enterprise	1910-14	1915-19	1920-24	1925-29	1930-34	1935-39	1940-44	1940	1941	1942	1943	1944	1945	1946 <sup>2</sup>	1947 <sup>3</sup>
	Million man hours	Million man hours	Million man hours	Million man hours	Million man hours	Million man hours	Million man hours	man hours	man hours	man hours	man hours	man hours	man hours	man hours	man hours
Milk cows.....	2,658	2,821	2,965	3,107	3,321	3,453	3,488	3,448	3,474	3,515	3,517	3,479	3,446	3,416	3,212
Other cattle.....	634	693	751	801	862	908	943	957	963	963	957	944	930	916	796
Hogs.....	198	215	231	248	268	285	295	283	283	282	287	282	280	265	245
Sheep and wool.....	191	175	168	168	168	168	168	168	168	168	168	168	168	168	168
Poultry <sup>4</sup> .....	780	810	872	902	968	943	1,127	999	1,013	1,114	1,262	1,257	1,260	1,188	1,136
All productive livestock <sup>4</sup> .....	4,836	5,123	5,244	5,498	5,966	5,820	6,322	5,999	6,099	6,398	6,652	6,460	6,364	6,138	5,952
Horses and mules.....	1,859	1,972	1,906	1,951	1,349	1,091	919	971	944	919	897	862	820	766	690
All livestock.....	6,695	7,095	7,150	7,149	7,335	6,920	7,241	6,970	7,043	7,317	7,549	7,322	7,184	6,904	6,651
Corn.....	3,539	3,498	3,296	2,999	2,910	2,594	2,331	2,393	2,323	2,326	2,329	2,293	2,121	2,112	1,932
Feed grain other than corn.....	572	577	594	604	624	644	664	674	684	694	704	714	724	734	744
Hay.....	1,031	1,031	1,046	1,067	1,086	1,106	1,126	1,146	1,166	1,186	1,206	1,226	1,246	1,266	1,286
Cotton.....	3,837	3,421	3,247	4,067	3,367	2,749	2,269	2,456	2,177	2,388	2,183	2,142	1,730	1,722	2,113
Tobacco.....	457	579	597	649	631	683	655	629	556	622	631	631	631	631	631
Wheat.....	767	805	736	611	510	503	402	425	432	377	359	418	425	411	444
Food grains other than wheat.....	138	202	188	116	89	98	87	85	89	96	88	78	77	70	73
Sugar crops.....	197	234	215	161	199	205	179	182	180	206	167	161	181	191	188
Truck crops.....	632	653	703	906	919	1,010	1,151	1,138	1,127	1,162	1,136	1,191	1,100	1,254	1,185
Vegetables except truck.....	389	405	388	355	388	353	339	325	327	325	392	330	315	326	280
Fruits and nuts.....	800	744	748	751	753	753	753	738	771	764	718	704	743	780	785
Oil crops.....	107	114	114	114	114	114	114	114	114	114	114	114	114	114	114
Other crops.....	217	217	217	217	217	217	217	217	217	217	217	217	217	217	217
All crops.....	12,790	12,704	12,280	12,637	11,561	10,801	10,338	10,472	10,083	10,351	10,225	10,331	9,795	9,883	9,885
Farm maintenance <sup>5</sup> .....	3,439	3,494	3,429	3,492	3,335	3,118	3,102	3,078	3,023	3,159	3,136	3,115	2,997	2,962	2,918
All farm work.....	22,924	23,293	22,859	23,278	22,231	20,839	20,681	20,520	20,149	21,057	20,910	20,708	19,976	19,749	19,454

<sup>1</sup> Man-hours are in terms of the time required by average adult males to perform various farm tasks. Since many women, children, and older persons also perform farm work, the total number of man-hours required on many enterprises are in excess of those shown.

<sup>2</sup> Preliminary.

<sup>3</sup> Includes labor required for chickens raised, hens and pullets for egg production, broilers, and turkeys.

<sup>4</sup> Includes, in addition to the livestock listed above, the labor required for minor livestock (goats, etc.), and labor required for fencing, repairs to buildings, machinery and equipment, farm woods, pastures, general land maintenance, farm business, and other miscellaneous work.

Bureau of Agricultural Economics.

TABLE 686.—*Fertilizer materials: Sales of agricultural lime and phosphate rock, United States, 1944-46*

Item	Quantity			Value		
	1944	1945	1946	1944	1945	1946
Agricultural lime and liming materials sold by producers:						
Lime from limestone:						
Quicklime.....	<sup>1</sup> 168,364	<sup>1</sup> 120,529	<sup>1</sup> 113,486	<sup>1</sup> 1,085,217	<sup>1</sup> 827,920	<sup>1</sup> 899,677
Hydrated.....	<sup>1</sup> 298,026	<sup>1</sup> 252,881	<sup>1</sup> 271,172	<sup>1</sup> 2,391,658	<sup>1</sup> 2,078,924	<sup>1</sup> 2,251,936
Oystershells, crushed for fertilizer lime <sup>2</sup>	109,989	<sup>2</sup> 138,032	60,691	329,708	<sup>2</sup> 572,399	357,119
Limestone pulverized.....	18,941,220	17,395,570	22,781,750	25,316,219	25,892,317	32,482,907
Calcareous marl.....	178,036	154,122	213,448	171,599	188,311	248,530
Total.....	19,695,635	18,061,134	23,440,547	29,294,401	29,559,871	36,240,169
Phosphate rock sold or used by producers:						
Sold for direct application to soil	<i>Long tons</i> 256,736	<i>Long tons</i> <sup>2</sup> 411,643	<i>Long tons</i> 528,097			
Florida:						
Hard rock.....	22,500	63,491	100,881	138,952	426,061	762,127
Soft rock.....	60,087	71,715	97,067	259,523	293,433	387,708
Land pebble.....	3,670,208	4,103,022	4,807,563	13,136,472	15,578,980	19,867,339
Tennessee <sup>4,5</sup> .....	1,324,849	1,294,297	1,362,000	5,975,337	6,062,688	7,014,490
Other States.....	288,999	274,198	492,602	1,346,145	1,589,915	3,012,157
Total.....	5,376,643	5,806,723	6,860,713	20,856,429	23,951,077	31,043,821

<sup>1</sup> Lime from oystershells included with lime from limestone.<sup>2</sup> Figures supplied by Fish and Wildlife Service, Department of Interior.<sup>3</sup> Revised.<sup>4</sup> Includes sintered matrix.<sup>5</sup> Virginia included with Tennessee.

Bureau of Agricultural Economics. Compiled from reports of the Bureau of Mines.

Figures for earlier years appear in previous issues of Agricultural Statistics and the Yearbook.

TABLE 687.—*Agricultural liming materials and total fertilizer: Consumption on farms, by States, 1943-47*

State and division	Agricultural liming materials <sup>1</sup>				Total fertilizer <sup>2</sup>				
	1943	1944	1945	1946 <sup>3</sup>	1943	1944	1945	1946	1947 <sup>3</sup>
	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons
Maine.....	65	100	93	102	217	221	235	4 277	285
New Hampshire.....	16	38	34	57	28	21	22	28	22
Vermont.....	68	105	107	87	31	38	45	46	43
Massachusetts.....	37	66	69	80	87	90	89	89	84
Rhode Island.....	7	10	12	12	15	15	17	18	18
Connecticut.....	45	70	72	113	76	74	92	83	78
New York.....	527	792	830	933	503	479	532	550	574
New Jersey.....	170	214	200	223	223	240	245	260	243
Pennsylvania.....	1,121	1,272	1,389	1,381	414	488	466	525	521
North Atlantic.....	2,056	2,667	2,806	2,988	1,594	1,666	1,743	1,876	1,868
Ohio.....	1,521	1,787	1,351	2,154	528	591	635	731	775
Indiana.....	1,477	1,896	2,101	2,686	396	479	568	693	804
Illinois <sup>4</sup> .....	3,221	3,985	4 2,225	5,356	111	196	270	321	366
Michigan.....	515	702	580	970	264	288	340	393	393
Wisconsin.....	1,121	1,933	1,780	1,984	179	217	268	302	357
Minnesota.....	306	281	325	300	54	75	108	126	140
Iowa.....	1,922	1,990	2,333	3,184	60	95	145	215	232
Missouri.....	1,483	1,614	1,291	2,732	150	180	193	302	268
Kansas.....	142	540	615	919	32	47	38	61	117
Other States.....					6	6	7	19	58
North Central.....	11,702	14,728	14,601	20,285	1,780	2,174	2,572	3,163	3,510
Delaware.....	35	34	44	54	45	45	49	52	55
Maryland.....	194	229	296	336	2	216	218	245	256
District of Columbia.....					2	2	2	2	2
Virginia.....	1,098	817	839	900	535	563	628	685	669
West Virginia.....	478	513	290	499	69	60	60	92	99
North Carolina.....	672	600	367	605	1,444	1,407	1,530	1,717	1,653
South Carolina.....	132	508	192	104	895	811	823	944	944
Georgia.....	85	114	90	212	1,146	1,081	1,139	1,142	1,097
Florida.....	121	61	67	86	723	830	917	1,061	872
South Atlantic.....	2,815	2,876	2,185	2,796	5,068	5,015	5,366	5,940	5,647
Kentucky.....	1,222	1,115	888	902	262	300	405	376	506
Tennessee.....	620	1,212	1,500	629	302	343	375	359	380
Alabama.....	226	260	133	143	829	823	781	905	713
Mississippi.....	64	813	327	227	509	456	537	477	532
Arkansas.....	61	93	115	165	203	172	155	173	179
Louisiana.....	40	300	55	95	220	234	270	259	229
Oklahoma.....	56	415	288	448	25	23	31	59	84
Texas.....	3	11	59	104	202	225	260	396	414
South Central.....	2,292	4,219	3,365	2,713	2,582	2,585	2,814	3,004	3,037
Washington.....	18	22	29	50	54	56	62	91	105
Oregon.....	23	26	21	40	39	42	45	74	91
California.....	29	31	48	60	322	428	488	575	598
Other States.....					84	89	112	151	183
Western.....	70	79	98	150	469	615	707	891	977
United States.....	18,935	24,569	23,055	28,932	11,463	12,055	13,202	14,874	15,039

<sup>1</sup> Ground limestone. Other materials converted to this basis. Data based on surveys made by State agricultural college agronomists. Includes county surveys of producers and data from county extension agents and AAA offices. Data for 1929-36 in Agricultural Statistics, 1945, table 601, and for 1937-42 in Agricultural Statistics, 1946, table 645. Data for 1947 not available when this table was prepared.

<sup>2</sup> Preliminary.

<sup>3</sup> Includes fertilizer distributed by the AAA and the Tennessee Valley Authority. Compiled from reports of National Fertilizer Association. Data for 1935-42 in Agricultural Statistics, 1945, table 602.

<sup>4</sup> Revised.

<sup>5</sup> Includes limestone screenings, used in some counties, which is coarser than ground limestone in the usual meaning.

Production and Marketing Administration and Bureau of Agricultural Economics.

TABLE 688.—Plant food: Tonnages<sup>1</sup> of plant food and of commercial fertilizers consumed in the United States, average 1935-39, annual 1945<sup>2</sup> and 1946

State or Territory and year	Nitrogen	Phosphoric oxide	Potash	Commercial fertilizer	State or Territory and year	Nitrogen	Phosphoric oxide	Potash	Commercial fertilizer
	Tons	Tons	Tons	Tons		Tons	Tons	Tons	Tons
Maine:					South Dakota:				
1935-39.....	7,563	14,113	16,494	135,221	1935-39.....	1	67	1	160
1945.....	14,586	24,114	31,563	241,615	1945.....	1	128	19	740
1946.....	15,213	27,706	32,056	266,992	1946.....	124	685	139	3,945
New Hampshire:					Nebraska:				
1935-39.....	747	1,910	975	14,789	1935-39.....	20	519	7	1,377
1945.....	1,166	3,982	1,878	29,373	1945.....	385	774	4	3,445
1946.....	1,156	3,659	1,812	27,764	1946.....	1,557	2,183	40	10,305
Vermont:					Kansas:				
1935-39.....	610	4,105	1,004	21,500	1935-39.....	145	2,840	175	12,402
1945.....	1,036	8,680	2,026	50,086	1945.....	341	9,718	575	40,251
1946.....	1,090	7,631	2,399	44,663	1946.....	1,295	11,345	1,022	55,192
Massachusetts:					Delaware:				
1935-39.....	3,761	5,974	4,023	67,379	1935-39.....	1,062	3,704	2,908	38,609
1945.....	4,742	9,149	6,031	92,792	1945.....	1,609	5,346	3,907	47,109
1946.....	4,792	8,578	6,052	88,762	1946.....	1,975	6,344	4,326	55,332
Rhode Island:					Maryland:				
1935-39.....	588	1,073	730	10,881	1935.....	4,855	17,039	11,019	170,075
1945.....	853	2,016	1,370	17,559	1945.....	8,145	25,614	15,576	218,788
1946.....	841	2,112	1,356	18,863	1946.....	8,755	29,466	16,859	244,899
Connecticut:					Dist. of Columbia:				
1935-39.....	3,097	4,772	3,628	57,493	1935-39.....	76	180	63	1,400
1945.....	4,712	7,806	5,507	90,987	1945.....	66	135	64	1,292
1946.....	4,467	7,019	5,248	82,412	1946.....	96	190	86	1,904
New York:					Virginia:				
1935-39.....	12,141	39,949	14,667	321,442	1935-39.....	15,206	41,965	15,582	413,486
1945.....	21,638	74,636	29,813	555,228	1945.....	20,532	73,942	28,688	617,550
1946.....	22,106	74,068	29,778	564,438	1946.....	23,419	81,425	32,052	673,709
New Jersey:					West Virginia:				
1935-39.....	7,556	15,392	12,241	168,399	1935-39.....	1,345	9,783	2,133	60,551
1945.....	11,502	27,564	20,821	247,248	1945.....	1,870	10,862	2,698	72,022
1946.....	12,229	29,839	21,725	264,312	1946.....	2,040	14,881	3,377	96,410
Pennsylvania:					North Carolina:				
1935-39.....	8,055	42,427	16,749	341,153	1935-39.....	47,373	84,210	46,730	1,082,874
1945.....	15,141	65,405	30,780	485,824	1945.....	73,195	124,426	79,897	1,485,003
1946.....	17,383	72,775	33,880	548,834	1946.....	75,975	154,114	94,840	1,706,027
Ohio:					South Carolina:				
1935-39.....	7,471	45,428	17,512	335,316	1935-39.....	34,557	47,960	28,654	669,113
1945.....	17,760	80,894	46,239	639,209	1945.....	47,120	65,336	43,893	788,704
1946.....	18,417	94,437	51,658	748,121	1946.....	48,257	76,678	50,373	881,964
Indiana:					Georgia:				
1935-39.....	4,383	29,603	17,844	217,020	1935-39.....	35,640	59,647	31,320	735,959
1945.....	10,434	63,252	48,035	525,883	1945.....	52,385	93,124	50,224	1,031,658
1946.....	13,192	78,709	52,527	642,871	1946.....	54,385	107,047	59,904	1,183,404
Illinois:					Florida:				
1935-39.....	1,089	4,340	2,659	43,835	1935-39.....	26,877	36,007	33,873	524,520
1945.....	4,725	38,640	21,908	550,266	1945.....	37,871	55,733	57,795	820,984
1946.....	8,051	47,263	29,371	614,836	1946.....	42,404	66,531	62,488	950,547
Michigan:					Kentucky:				
1935-39.....	3,083	17,250	8,989	131,799	1935-39.....	2,213	23,329	2,916	120,769
1945.....	8,536	44,841	26,647	340,178	1945.....	8,512	50,139	11,704	346,286
1946.....	9,866	53,383	27,249	392,673	1946.....	11,574	49,555	15,412	372,693
Wisconsin:					Tennessee:				
1935-39.....	1,052	5,000	3,436	38,823	1935-39.....	3,197	19,014	4,327	136,126
1945.....	8,629	33,575	24,470	262,611	1945.....	11,524	51,971	13,921	360,581
1946.....	8,250	43,165	27,955	316,703	1946.....	15,425	56,257	17,384	429,094
Minnesota:					Alabama:				
1935-39.....	289	1,827	1,271	12,059	1935-39.....	29,328	43,442	21,449	522,703
1945.....	1,669	22,036	6,626	124,553	1945.....	43,868	86,047	30,721	833,443
1946.....	3,065	29,091	8,709	165,567	1946.....	46,891	93,676	35,770	899,781
Iowa:					Mississippi:				
1935-39.....	142	1,405	600	9,039	1935-39.....	22,620	17,362	8,876	261,834
1945.....	1,610	27,855	8,246	170,846	1945.....	38,492	40,570	14,716	490,617
1946.....	5,422	32,913	10,463	215,791	1946.....	53,456	46,369	19,377	587,122
Missouri:					Arkansas:				
1935-39.....	1,260	11,756	1,772	74,832	1935-39.....	4,227	4,314	2,525	60,196
1945.....	2,640	27,932	6,870	171,712	1945.....	8,920	13,863	9,417	140,902
1946.....	5,097	38,830	10,285	249,106	1946.....	18,582	18,910	12,212	209,773
North Dakota:					Louisiana:				
1935-39.....	4	174	5	540	1935-39.....	11,768	9,929	4,132	135,280
1945.....	132	1,362	566	7,801	1945.....	17,036	20,175	6,594	228,231
1946.....	270	2,017	861	12,354	1946.....	21,593	23,310	9,127	258,894

See footnotes at end of table.

TABLE 688.—*Plant food: Tonnages<sup>1</sup> of plant food and of commercial fertilizers consumed in the United States, average 1935-39, annual 1945<sup>2</sup> and 1946—Cont'd.*

State or Territory and year	Nitrogen	Phosphoric oxide	Potash	Commercial fertilizer	State or Territory and year	Nitrogen	Phosphoric oxide	Potash	Commercial fertilizer
<b>Oklahoma:</b>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<b>Nevada:</b>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>
1935-39.....	253	729	303	7,082	1935-39.....	18	109	9	440
1945.....	602	3,221	589	26,396	1945.....	39	77	15	467
1946.....	1,077	5,158	1,104	46,996	1946.....	21	142	5	523
<b>Texas:</b>					<b>Washington:</b>				
1935-39.....	3,981	8,730	3,066	78,106	1935-39.....	1,457	2,607	1,444	25,119
1945.....	15,031	33,835	7,044	277,676	1945.....	5,869	9,981	2,960	80,727
1946.....	19,933	46,111	9,298	361,618	1946.....	8,415	13,098	3,503	111,989
<b>Montana:</b>					<b>Oregon:</b>				
1935-39.....	58	1,669	42	4,154	1935-39.....	1,077	1,823	895	16,581
1945.....	207	3,238	4	8,329	1945.....	3,776	6,976	1,875	53,040
1946.....	468	3,856	37	11,512	1946.....	8,654	9,691	2,460	95,119
<b>Idaho:</b>					<b>California:</b>				
1935-39.....	47	1,961	81	5,603	1935-39.....	26,007	14,069	6,034	209,123
1945.....	1,563	7,730	597	40,722	1945.....	67,449	45,140	18,209	970,526
1946.....	2,576	10,500	820	64,704	1946.....	94,918	53,361	17,890	1,118,967
<b>Wyoming:</b>					<b>United States:</b>				
1935-39.....	10	792	10	1,728	1935-39.....	337,338	703,926	353,280	7,310,426
1945.....	9	1,172	1	4,297	1945.....	602,516	1,417,014	721,704	13,673,537
1946.....	53	1,652	10	5,521	1946.....	723,681	1,653,060	823,948	15,800,153
<b>Colorado:</b>					<b>Alaska:</b>				
1935-39.....	101	978	54	3,134	1935-39.....	8	30	10	167
1945.....	941	4,665	230	20,403	1945.....	12	38	20	145
1946.....	2,327	5,491	265	26,604	1946.....	22	78	30	330
<b>New Mexico:</b>					<b>Hawaii:</b>				
1935-39.....	72	752	7	2,401	1935-39.....	17,610	7,644	8,871	126,730
1945.....	335	3,214	66	12,006	1945.....	18,539	4,714	11,619	116,976
1946.....	747	3,226	29	11,134	1946.....	12,024	4,874	8,772	82,739
<b>Arizona:</b>					<b>Puerto Rico:</b>				
1935-39.....	750	881	33	6,281	1935-39.....	16,288	7,968	12,925	147,814
1945.....	3,035	3,643	258	38,815	1945.....	23,394	12,837	20,281	197,769
1946.....	4,966	5,166	191	44,751	1946.....	19,914	12,929	19,459	204,127
<b>Utah:</b>					<b>United States including non-contiguous Territories<sup>3</sup>:</b>				
1935-39.....	27	1,017	13	1,930	1935-39.....	371,244	719,568	375,086	7,585,137
1945.....	281	2,480	47	8,806	1945.....	644,461	1,434,603	753,624	13,988,427
1946.....	816	3,360	74	14,988	1946.....	755,641	1,670,941	852,209	16,087,349

<sup>1</sup> Includes Government distribution, secondary and minor element fertilizers, but not liming materials.

<sup>2</sup> Revised.

<sup>3</sup> Including the Territories of Alaska, Hawaii, and Puerto Rico. The consumption of commercial fertilizers in other noncontiguous Territories is negligible.

Bureau of Plant Industry, Soils, and Agricultural Engineering. Additional data are given in the Journal of the American Society of Agronomy 37, 595-609 (1945).

TABLE 689.—*Plant food: Average plant food content and tonnages of commercial fertilizers consumed in the United States, 1929-47*<sup>1</sup>

Year	Mixed fertilizers				All fertilizers			
	Nitrogen	Phos- phoric oxide	Potash	Tonnage	Nitrogen	Phos- phoric oxide	Potash	Tonnage
	Percent	Percent	Percent	1,000 tons	Percent	Percent	Percent	1,000 tons
1929.....	3.00	9.90	4.70	5,508	4.29	9.43	4.12	8,208
1930.....	3.10	9.80	5.00	5,616	4.47	9.41	4.20	8,425
1931.....	3.20	9.70	5.10	4,405	4.60	9.34	4.20	6,541
1932.....	3.30	9.60	5.20	3,200	4.66	9.08	4.22	4,545
1933.....	3.40	9.40	5.30	3,664	4.70	9.07	4.35	5,110
1934.....	3.55	9.18	5.37	4,096	4.75	9.14	4.53	5,794
1935.....	3.49	9.32	5.51	4,482	4.77	9.14	4.69	6,534
1936.....	3.61	9.29	5.69	5,047	4.85	9.32	4.85	7,222
1937.....	3.68	9.34	5.84	5,852	4.88	9.41	4.93	8,433
1938.....	3.72	9.41	6.09	5,326	4.95	9.59	5.07	7,758
1939.....	3.74	9.43	6.18	5,474	4.98	9.88	5.12	7,993
1940.....	3.76	9.64	6.50	5,513	4.85	10.57	5.04	8,656
1941.....	3.83	9.69	6.70	5,928	4.88	10.59	4.98	9,381
1942.....	3.68	9.69	6.95	6,837	3.93	11.16	5.40	10,131
1943.....	3.21	10.49	7.17	8,150	4.30	10.58	5.47	11,754
1944.....	3.87	10.32	6.93	8,713	4.76	10.56	4.87	13,330
1945.....	3.96	10.27	7.51	9,254	4.56	10.12	5.37	13,988
1946.....	3.88	10.45	7.17	11,158	4.70	10.39	5.30	16,087
1947 <sup>2</sup> .....	3.98	10.48	7.00	11,800	4.65	10.31	5.10	16,900

<sup>1</sup> Including Hawaii and Puerto Rico, also fertilizers distributed by Government agencies.<sup>2</sup> Preliminary.

Bureau of Plant Industry, Soils, and Agricultural Engineering.



TABLE 690.—*Sources of plant food in commercially mixed fertilizers, United States, selected years, 1929-47*

Year	Nitrogen				Phosphoric oxide			Potash		
	Ammonia and its salts	Nitrates	Natural organics	Organic chemicals	Normal superphosphate	Concentrated phosphates <sup>1</sup>	All other	High-grade salts <sup>2</sup>	Manure salts <sup>3</sup>	All other
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
1929.....	48.2	19.0	22.2	10.6	87.4	5.1	7.5	54.3	38.5	7.2
1935.....	53.0	18.3	21.9	6.8	86.6	7.5	5.9	77.5	6.1	16.4
1939.....	58.2	15.6	15.3	10.9	85.4	10.0	4.6	90.8	3.3	5.9
1941.....	59.0	11.5	15.8	13.7	87.5	9.1	3.4	91.5	6.0	2.5
1942.....	65.9	11.7	14.1	8.3	87.8	9.0	3.2	91.5	6.1	2.4
1943.....	67.4	17.5	9.6	5.5	93.0	5.6	2.0	91.0	7.0	2.0
1944.....	72.0	13.1	8.3	6.6	93.6	4.0	2.4	88.1	9.4	2.5
1945.....	72.1	13.4	7.6	6.9	92.8	5.8	1.4	90.4	4.6	5.0
1946.....	72.8	15.1	5.4	6.7	93.0	5.7	1.3	90.3	4.5	5.2
1947 <sup>4</sup> .....	73.3	15.5	5.0	6.2	91.3	7.5	1.2	90.6	4.4	5.0

<sup>1</sup> Concentrated superphosphate and ammonium phosphates.<sup>2</sup> Muriate and sulfate.<sup>3</sup> From 1929 to 1935, inclusive, most of it was 20 percent manure salts; and since then it has averaged about 25 percent K<sub>2</sub>O. Sulfate of potash-magnesia is included under "All other."<sup>4</sup> Preliminary.

Bureau of Plant Industry, Soils, and Agricultural Engineering. Additional statistics will be found in Circular No. 756, Consumption and Trends in the Use of Fertilizer in the Year Ended June 30, 1944.

TABLE 691.—*Insecticides and fungicides: Average wholesale price per pound, f. o. b. works, 1938-47<sup>1</sup>*

Year	Arsenic, white, powder <sup>2</sup>	Bor-doux mixture <sup>3</sup>	Calcium arsenate <sup>4</sup>	Cube root, 5-percent rotenone	Lead arsenate, powder <sup>5</sup>	Nicotine sulfate, 40-per-cent blackleaf	Paris green	Pyrethrum 0.9-percent pyrethrins, coarse-ground
	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents
1938.....	3.0	11.0	6.9	26.2	12.2	-----	24.4	23.5
1939.....	3.0	11.0	6.8	24.0	10.7	67.0	24.0	30.6
1940.....	3.2	11.0	6.5	23.5	9.2	67.0	24.0	29.4
1941.....	3.7	11.0	6.7	24.6	9.6	68.1	24.4	21.5
1942.....	4.0	11.0	7.4	39.2	11.4	79.4	25.0	26.0
1943.....	4.0	11.0	7.5	35.0	11.3	79.8	23.2	27.0
1944.....	4.0	11.0	7.5	37.5	11.2	79.8	22.7	29.5
1945.....	4.0	11.0	7.8	40.0	11.3	79.8	23.5	31.5
1946.....	4.4	11.0	7.8	42.6	12.9	80.6	24.5	<sup>5</sup> 33.8
1947.....	6.0	17.5	9.4	54.7	21.4	90.0	31.0	<sup>5</sup> 33.2

<sup>1</sup> Average of weekly quotations.<sup>2</sup> F.o.b. New York.<sup>3</sup> Prior to 1943 f.o.b. New York.<sup>4</sup> Prior to 1942 f.o.b. New York.<sup>5</sup> Fine ground.

Bureau of Agricultural Economics. Compiled from the Oil, Paint, and Drug Reporter, and records of the Bureau of Labor Statistics.

TABLE 692.—*Number of farms electrified, average kilowatt-hours used, and unit of cost of electricity of farms, United States, 1929-47*

Year	Total farms electrified	East of 100th meridian			West of 100th meridian		
		Farms electrified	Electric energy used per farm	Average cost per kilowatt-hour <sup>1</sup>	Farms electrified	Electric energy used per farm <sup>2</sup>	Average cost per kilowatt-hour <sup>1</sup>
	<i>Number</i>	<i>Number</i>	<i>Kilowatt-hours</i>	<i>Cents</i>	<i>Number</i>	<i>Kilowatt-hours</i>	<i>Cents</i>
1929	576,150	395,530	672	7.50	180,620	7,804	1.63
1930	649,900	451,203	745	7.03	198,697	7,768	1.66
1931	698,800	493,243	775	6.93	205,557	7,479	1.68
1932	709,450	503,040	765	6.62	206,410	5,727	1.83
1933	713,550	507,514	770	6.44	206,036	6,041	1.73
1934	743,950	534,199	811	6.12	209,751	6,833	1.62
1935	788,800	572,521	873	5.57	216,279	5,673	1.78
1936	1,042,900	766,689	954	5.10	276,211	5,618	1.72
1937	1,215,400	900,600	1,014	4.72	314,800	5,179	1.80
1938	1,406,500	1,066,573	1,045	4.50	339,927	4,435	1.93
1939	1,764,000	1,361,000	1,127	4.41	403,000	5,201	1.71
1940	2,050,000	1,598,208	1,073	4.33	451,792	4,396	1.95
1941	2,296,000	1,782,600	1,133	4.02	513,400	3,520	2.20
1942	2,400,000	1,860,500	1,239	3.88	539,500	3,853	2.19
1943	2,475,000	1,916,700	1,481	3.75	558,300	3,683	2.21
1944	2,629,800	2,032,700	1,461	3.73	597,100	3,894	2.08
1945	2,920,000	2,250,900	1,571	3.66	678,100	3,943	2.09
1946	3,335,700	2,551,300	1,669	3.58	784,400	4,474	1.99
1947	3,817,100	2,915,000	1,802	3.41	902,100	4,815	1.79

<sup>1</sup> These rates do not include charges for the amortization of investment in lines or charges for line extensions where such are levied by the utility.

<sup>2</sup> The data on energy used for farms west of the 100th meridian vary year by year, depending on the proportion of the total consumption used for irrigation pumping. As more non-irrigation consumers are served the average consumption is reduced. Hence, the figures for the West are not strictly comparable to those for the East.

Bureau of Plant Industry, Soils, and Agricultural Engineering. Compiled from reports of the Edison Electric Institute.

TABLE 693.—*Taxes levied on farm property and automotive taxes paid by farmers, United States, 1929-47*

Year	Property taxes levied <sup>1</sup>		Automotive taxes paid		
	Farm real estate	Farm personal property <sup>2</sup>	Licenses and permits	Motor fuel taxes	
				State	Federal
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1929.....	567,493	73,323	52,808	55,626	-----
1930.....	566,956	71,082	55,092	63,108	-----
1931.....	526,454	54,678	53,217	61,873	-----
1932.....	461,670	42,779	49,831	56,895	8,953
1933.....	399,168	34,377	44,713	56,687	22,827
1934.....	384,842	35,146	44,815	60,586	18,821
1935.....	393,878	36,758	46,948	65,745	20,604
1936.....	396,277	39,886	50,830	70,570	21,438
1937.....	406,967	41,203	56,181	74,959	23,199
1938.....	401,998	42,108	55,702	76,057	24,222
1939.....	408,565	42,949	56,472	77,771	26,105
1940.....	401,780	43,885	58,723	79,265	35,850
1941.....	406,413	50,283	62,906	81,761	45,382
1942.....	401,771	58,795	97,599	76,661	46,034
1943.....	403,008	69,475	86,893	72,843	46,556
1944.....	421,476	73,628	86,680	74,545	49,080
1945.....	471,181	83,000	89,824	82,001	52,765
1946.....	524,621	92,000	77,664	95,135	58,209
1947.....	600,161	105,000	90,838	106,444	63,329

<sup>1</sup> Levies rather than payments are shown for property taxes because data for payments are not available for many States. For the country as a whole, levies and payments probably are about equal over long periods.

<sup>2</sup> Includes taxes levied against motor vehicles under general property tax laws.

<sup>3</sup> Includes Federal motor vehicle use taxes.

<sup>4</sup> Preliminary.

<sup>5</sup> Revised.

Bureau of Agricultural Economics.

TABLE 694.—*Tax levies on farm real estate: Amount per acre, index numbers of amount per acre, and amount per \$100 of value, United States, 1909-47*

Year	Taxes per acre		Taxes per \$100 of value <sup>1</sup>	Year	Taxes per acre		Taxes per \$100 of value <sup>1</sup>	Year	Taxes per acre		Taxes per \$100 of value <sup>1</sup>
	Amount	Index <sup>1</sup> (1909-13 =100)			Amount	Index <sup>1</sup> (1909-13 =100)			Amount	Index <sup>1</sup> (1909-13 =100)	
	Dollars			Dollars				Dollars			Dollars
1909	0.19	90	0.48	1922	0.54	261	0.96	1935	0.37	180	1.15
1910	.19	97	.47	1923	.55	266	1.01	1936	.38	181	1.16
1911	.21	99	.50	1924	.55	265	1.03	1937	.39	186	1.19
1912	.21	103	.49	1925	.56	270	1.07	1938	.38	183	1.19
1913	.24	117	.55	1926	.56	271	1.12	1939	.39	186	1.23
1914	.24	118	.56	1927	.57	277	1.15	1940	.38	183	1.22
1915	.26	128	.57	1928	.58	279	1.18	1941	.38	182	1.18
1916	.28	136	.57	1929	.58	281	1.19	1942	.37	177	1.08
1917	.31	151	.58	1930	.57	277	1.30	1943	.36	175	.95
1918	.33	160	.57	1931	.53	254	1.44	1944	.37	181	.91
1919	.41	200	.59	1932	.46	220	1.54	1945	.41	199	.90
1920	.51	244	.79	1933	.39	188	1.28	1946	.46	222	.90
1921	.54	259	.94	1934	.37	178	1.19	1947	.53	254	.96

<sup>1</sup> Index numbers computed before rounding tax-per-acre data to nearest cent.

<sup>2</sup> Derived from the tax-per-acre figures and value figures based on census reports and this Bureau's farm real estate value indexes.

Bureau of Agricultural Economics. Data from 1890 in Agricultural Statistics, 1941, table 712.

TABLE 695.—Tax levies on farm real estate: Amount per acre, index numbers of amount per acre, and amount per \$100 of value, by States, 1941-47

State and division	Taxes per acre										Taxes per \$100 of value										
	Amount										Index (1909 — 13 = 100) <sup>1</sup>										
	1941	1942	1943	1944	1945	1946	1947	1941	1942	1943	1944	1945	1946	1947	1941	1942	1943	1944	1945	1946	1947
<b>Maine</b>	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
New Hampshire.....	0.84	0.85	0.85	0.90	1.01	1.08	1.17	298	300	302	319	356	380	414	2.88	2.89	2.90	2.96	2.99	2.79	2.77
New Jersey.....	0.87	0.82	0.78	0.83	0.89	1.01	1.18	276	261	249	261	281	307	342	2.53	2.35	2.12	2.08	2.11	2.06	2.02
Vermont.....	0.54	0.54	0.55	0.57	0.57	0.62	0.62	261	259	265	278	283	299	337	1.86	1.77	1.71	1.66	1.55	1.41	1.54
Massachusetts.....	2.67	2.68	2.57	2.59	2.71	3.02	3.46	331	332	318	321	335	374	420	2.45	2.42	2.14	2.03	2.00	2.18	2.34
Rhode Island.....	1.70	1.73	1.71	1.73	1.76	1.76	1.85	373	379	376	380	386	386	406	1.40	1.43	1.31	1.29	1.19	1.08	1.08
Connecticut.....	1.88	1.84	1.85	1.85	2.19	2.46	2.67	388	382	383	402	453	509	552	1.29	1.25	1.17	1.18	1.20	1.20	1.26
<b>New England...</b>	1.16	1.15	1.13	1.17	1.26	1.38	1.54	311	309	304	315	339	370	412	2.07	2.02	1.84	1.81	1.80	1.81	1.94
<b>New York</b>	1.09	1.07	1.03	1.03	1.05	1.14	1.34	265	258	250	240	255	277	325	2.03	1.85	1.76	1.66	1.56	1.45	1.66
New Jersey.....	2.20	2.17	2.14	2.15	2.23	2.39	2.59	305	301	297	299	310	332	360	1.63	1.50	1.42	1.33	1.27	1.21	1.29
Pennsylvania.....	1.00	1.00	0.99	1.01	1.05	1.05	1.14	206	205	202	207	216	215	234	1.72	1.65	1.58	1.50	1.50	1.34	1.36
<b>Middle Atlantic...</b>	1.11	1.10	1.07	1.08	1.12	1.17	1.32	241	237	232	233	242	253	286	1.85	1.81	1.64	1.56	1.50	1.38	1.49
Ohio.....	0.69	0.69	0.70	0.72	0.73	0.79	0.84	148	148	151	155	157	169	181	0.99	0.94	0.87	0.85	0.74	0.71	0.71
Indiana.....	0.76	0.70	0.74	0.73	0.82	0.88	1.14	146	134	143	139	158	169	181	1.10	0.94	0.89	0.82	0.78	0.77	0.81
Illinois.....	0.97	0.97	0.97	1.01	1.06	1.36	1.48	244	243	244	254	266	342	371	1.06	1.01	0.89	0.87	0.82	0.93	0.95
Michigan.....	0.46	0.46	0.47	0.47	0.54	0.61	0.64	107	105	109	114	124	140	148	0.87	0.83	0.75	0.75	0.72	0.70	0.72
Wisconsin.....	0.81	0.78	0.78	0.84	0.96	1.00	1.26	237	229	229	246	260	319	370	1.56	1.47	1.35	1.38	1.45	1.46	1.57
<b>East North Central...</b>	0.77	0.75	0.76	0.79	0.85	0.90	1.12	178	174	178	184	198	231	260	1.11	1.03	0.93	0.92	0.87	0.90	0.96
Minnesota.....	0.67	0.67	0.67	0.72	0.83	0.90	0.96	289	289	287	287	311	355	388	1.48	1.36	1.25	1.30	1.34	1.31	1.44
Iowa.....	1.00	0.96	0.90	0.94	1.18	1.26	1.44	247	237	246	254	262	311	355	1.92	1.10	0.99	0.98	1.00	0.96	0.98
Missouri.....	0.32	0.32	0.32	0.32	0.32	0.36	0.42	231	232	232	233	241	261	308	0.95	0.87	0.81	0.74	0.68	0.67	0.76
North Dakota.....	0.20	0.17	0.19	0.19	0.24	0.19	0.20	138	121	137	134	167	137	104	1.52	1.25	1.18	1.10	1.20	0.91	1.20
South Dakota.....	0.21	0.19	0.19	0.20	0.23	0.24	0.29	166	154	151	159	183	191	232	1.66	1.36	1.15	1.13	1.18	1.09	1.11
Nebraska.....	0.30	0.29	0.30	0.30	0.32	0.36	0.41	190	184	187	201	228	255	320	1.24	1.10	0.94	0.90	0.91	0.92	0.99
Kansas.....	0.39	0.36	0.33	0.32	0.40	0.45	0.59	208	194	176	172	215	238	315	1.33	1.12	0.92	0.79	0.91	0.88	0.99
<b>West North Central...</b>	0.42	0.40	0.40	0.42	0.48	0.51	0.63	211	203	203	210	242	258	316	1.29	1.13	1.00	0.98	1.01	0.96	1.05



TABLE 696.—*Motor-vehicle registrations and imposts on highway users, including State motor-vehicle registration fees, etc., State motor-fuel taxes, and special State imposts on motor vehicles operated for hire (motor-carrier taxes), 1929-47*<sup>1</sup>

Year	Motor-vehicle registrations and fees			Motor-fuel consumption and taxes			Motor-carrier taxes, net total receipts of calendar year	
	Registered motor vehicles, private and commercial		Net total receipts of calendar year	Weighted average tax rate per gallon during year	Approximate consumption of motor fuel by motor vehicles	Net total receipts of calendar year		
	Passenger automobiles, taxicabs, and busses	Motor trucks, tractor trucks, etc.						Total
	Number	Number	Number	1,000 dollars	Cents	1,000 gallons	1,000 dollars	1,000 dollars
1929.....	23,094,420	3,408,088	26,502,508	<sup>2</sup> 347,697	3.22	14,139,301	431,636	(?)
1930.....	23,013,252	3,518,747	26,531,999	<sup>2</sup> 355,580	3.35	14,753,911	494,683	(?)
1931.....	22,372,282	3,489,756	25,862,038	<sup>2</sup> 344,313	3.48	15,456,662	537,889	(?)
1932.....	20,875,833	3,256,776	24,132,609	<sup>2</sup> 325,104	3.60	14,339,151	514,139	(?)
1933.....	20,631,202	3,245,505	23,876,707	<sup>2</sup> 301,314	3.65	14,348,152	519,403	(?)
1934.....	21,523,608	3,430,396	24,954,004	307,260	3.66	15,414,896	566,642	9,494
1935.....	22,553,878	3,675,865	26,229,743	322,974	3.80	16,344,697	619,677	12,427
1936.....	24,170,854	4,001,464	28,172,318	350,783	3.85	18,099,138	691,420	15,137
1937.....	25,456,939	4,249,219	29,706,158	399,613	3.91	19,455,454	761,998	16,216
1938.....	25,232,228	4,210,477	29,442,705	388,825	3.96	19,611,643	771,764	16,421
1939.....	26,208,385	4,406,702	30,615,087	412,494	3.96	20,714,352	821,656	18,055
1940.....	27,445,038	4,590,386	32,035,424	439,178	3.96	22,001,356	870,136	17,913
1941.....	29,612,901	4,859,244	34,472,145	490,666	3.99	24,192,397	957,312	20,576
1942.....	27,970,839	4,608,086	32,578,925	448,968	3.99	19,939,887	844,855	21,896
1943.....	26,019,432	4,480,176	30,499,608	425,022	4.05	16,004,250	659,125	24,702
1944.....	25,572,849	4,513,340	30,086,189	419,479	4.06	16,429,668	680,950	26,141
1945.....	25,803,687	4,834,742	30,638,429	440,341	4.10	19,148,968	783,691	27,248
1946.....	28,220,125	5,725,692	33,945,817	520,780	4.16	25,648,998	1,064,681	30,538
1947.....	30,847,835	6,512,628	37,360,463	611,650	4.25	28,215,705	1,206,305	34,447

<sup>1</sup> In some cases these figures have been revised from those previously reported.

<sup>2</sup> Motor-carrier fees included with registration fees prior to 1934. Segregation not available.

Public Roads Administration, Federal Works Agency.

## MOTOR VEHICLE REGISTRATIONS

619

TABLE 697.—Motor-vehicle registrations and imposts on highway users, including State motor-vehicle registration fees, etc., State motor-fuel taxes, and special State imposts on motor vehicles operated for hire (motor-carrier taxes), by States, 1946

State	Motor-vehicle registrations and fees				Motor-fuel consumption and taxes				Motor-carrier taxes, net total receipts of calendar year
	Registered motor vehicles, private and commercial			Net total receipts of calendar year	Tax rate per gallon at end of year	* Approximate consumption of motor fuel by motor vehicles	Net total receipts of calendar year		
	Passenger automobiles, taxicabs, and busses	Motor trucks, tractor trucks, etc.	Total						
	Number	Number	Number	1,000 dollars	Cents	1,000 gallons	1,000 dollars	1,000 dollars	
Maine.....	172,628	57,198	229,826	4,671	4	173,001	6,934	20	
New Hampshire.....	110,126	31,889	142,015	3,214	4	97,930	3,878	6	
Vermont.....	88,578	13,007	101,585	2,830	4	74,062	3,026	-----	
Massachusetts.....	840,618	129,293	969,911	8,211	3	708,444	20,251	183	
Rhode Island.....	168,254	25,554	193,808	3,518	3	128,877	3,843	44	
Connecticut.....	472,670	77,170	549,840	8,153	3	369,415	11,127	743	
New York.....	2,279,442	362,993	2,642,435	57,447	4	1,832,816	69,935	23	
New Jersey.....	954,259	171,021	1,125,280	24,473	3	863,763	24,098	100	
Pennsylvania.....	1,854,736	329,535	2,184,271	39,216	4	1,566,737	62,863	10	
Ohio.....	1,847,211	240,057	2,087,268	35,491	4	1,479,915	57,367	722	
Indiana.....	900,380	166,309	1,066,689	13,223	4	761,509	30,097	182	
Illinois.....	1,614,428	241,628	1,856,056	26,488	3	1,472,055	43,037	-----	
Michigan.....	1,402,215	176,880	1,579,095	26,672	3	1,218,535	34,926	674	
Wisconsin.....	746,909	160,940	907,849	15,419	4	623,550	24,450	2,097	
Minnesota.....	676,373	131,237	807,610	10,290	4	572,869	22,437	47	
Iowa.....	624,473	116,546	741,019	13,497	4	547,987	21,515	416	
Missouri.....	780,338	184,868	965,206	12,264	2	742,173	14,199	600	
North Dakota.....	139,221	53,868	193,089	1,705	4	95,328	3,855	54	
South Dakota.....	150,782	42,162	192,944	1,327	4	143,914	5,366	815	
Nebraska.....	351,331	85,144	436,475	3,685	5	246,696	14,931	47	
Kansas.....	502,738	142,087	644,825	4,926	4	392,197	16,106	1,569	
Delaware.....	58,270	14,559	72,829	1,410	4	64,615	2,516	-----	
Maryland.....	440,798	84,413	525,211	7,999	4	343,888	13,395	-----	
District of Columbia.....	112,398	14,954	127,352	1,710	3	142,018	4,129	450	
Virginia.....	510,339	116,746	627,085	9,523	6	520,280	28,525	735	
West Virginia.....	260,222	63,942	324,164	8,175	5	253,473	11,954	279	
North Carolina.....	556,574	123,748	680,322	11,655	6	506,222	37,411	1,505	
South Carolina.....	319,191	74,322	393,513	3,094	6	294,043	18,257	437	
Georgia.....	453,501	122,114	575,615	3,841	6	495,202	30,793	127	
Florida.....	479,463	117,624	597,087	14,158	7	487,225	36,579	621	
Kentucky.....	388,699	100,568	489,267	6,726	5	391,868	19,022	796	
Tennessee.....	424,915	101,598	526,513	7,835	7	427,792	32,571	280	
Alabama.....	326,410	103,837	430,247	6,967	6	364,153	22,907	645	
Mississippi.....	223,391	95,536	318,927	4,016	6	287,282	17,019	167	
Arkansas.....	224,596	94,241	318,837	4,857	6.5	252,990	16,922	4	
Louisiana.....	331,330	92,169	423,499	4,500	7	347,953	25,009	320	
Oklahoma.....	431,529	128,124	559,653	8,954	7.5	393,146	30,986	438	
Texas.....	1,425,451	369,409	1,794,860	34,312	4	1,530,572	60,325	284	
Montana.....	120,753	54,296	175,049	1,794	5	126,237	6,232	93	
Idaho.....	124,299	45,441	169,740	1,720	6	134,394	7,913	114	
Wyoming.....	67,252	24,177	91,429	858	4	79,126	3,545	571	
Colorado.....	303,254	84,864	388,118	3,463	4	270,239	10,526	1,187	
New Mexico.....	98,847	34,555	133,702	2,239	5	140,647	7,133	506	
Arizona.....	124,685	35,044	159,729	1,905	5	154,948	7,585	581	
Utah.....	139,743	31,318	171,061	1,689	4	136,413	5,580	-----	
Nevada.....	39,267	10,790	50,057	450	4	53,488	2,149	472	
Washington.....	527,513	117,173	644,686	5,399	5	481,310	23,620	389	
Oregon.....	361,634	99,025	460,659	4,855	5	339,190	16,920	2,832	
California.....	2,668,091	431,419	3,099,510	39,966	3	2,428,511	70,917	8,353	
Total.....	28,220,125	5,725,692	33,945,817	520,780	14.16	25,648,998	1,064,681	30,538	

<sup>1</sup> Weighted average rate.

Public Roads Administration, Federal Works Agency.



**TABLE 698.—Motor-vehicle registrations and imposts on highway users, including State motor-vehicle registration fees, etc., State motor-fuel taxes, and special States imposts on motor vehicles operated for hire (motor-carrier taxes), by States, 1947**

State	Motor-vehicle registration and fees				Motor-fuel consumption and taxes				Motor-carrier taxes, net total receipts of calendar year
	Registered motor vehicles, private and commercial			Net total receipts of calendar year	Tax rate per gallon at end of year	Approximate consumption of motor fuel by motor vehicles	Net total receipts of calendar year		
	Passenger automobiles, taxicabs, and busses	Motor trucks, tractor trucks, etc.	Total						
	Number	Number	Number	1,000 dollars	Cents	1,000 gallons	1,000 dollars	1,000 dollars	
Maine.....	180,992	59,438	240,430	5,103	6	188,466	9,759	26	
New Hampshire.....	115,228	35,043	150,271	3,517	4	107,710	4,265	6	
Vermont.....	93,063	14,406	107,469	3,177	4.5	81,049	3,511	-----	
Massachusetts.....	895,324	142,319	1,037,643	8,841	3	768,584	22,882	167	
Rhode Island.....	179,440	28,152	207,592	3,748	4	140,053	4,960	59	
Connecticut.....	507,857	81,794	589,651	9,349	4	405,469	13,611	739	
New York.....	2,492,841	396,368	2,889,209	59,006	4	1,988,952	76,161	19	
New Jersey.....	1,034,402	186,232	1,220,634	28,665	3	947,052	26,974	108	
Pennsylvania.....	1,994,455	372,231	2,366,686	43,606	4	1,693,179	69,953	10	
Ohio.....	1,968,918	270,284	2,239,202	40,181	4	1,621,801	66,445	1,004	
Indiana.....	958,576	192,581	1,151,157	13,046	4	836,577	33,281	226	
Illinois.....	1,752,252	277,749	2,030,001	30,131	3	1,583,260	46,538	-----	
Michigan.....	1,599,097	200,481	1,799,578	31,220	3	1,344,928	39,030	819	
Wisconsin.....	795,494	181,443	976,937	19,490	4	693,675	27,546	2,465	
Minnesota.....	726,509	148,533	875,042	11,823	4	597,861	23,405	52	
Iowa.....	679,025	137,760	816,785	15,182	4	575,028	22,954	550	
Missouri.....	833,691	205,458	1,039,149	13,689	2	817,550	16,626	665	
North Dakota.....	152,531	60,777	213,308	2,595	4	149,988	7,357	64	
South Dakota.....	168,283	50,623	218,906	1,767	4	165,832	6,176	1,153	
Nebraska.....	370,828	96,019	466,847	5,098	5	271,494	16,732	49	
Kansas.....	534,667	162,550	697,217	5,904	4	427,888	19,023	1,952	
Delaware.....	63,180	16,322	79,502	1,493	4	69,341	2,729	-----	
Maryland.....	448,788	90,809	539,597	10,442	5	376,113	16,574	-----	
District of Columbia.....	140,377	15,756	156,133	1,993	4	155,240	5,062	466	
Virginia.....	567,695	132,996	700,691	9,758	6	567,290	33,410	575	
West Virginia.....	272,359	76,940	349,299	10,263	5	277,130	13,706	337	
North Carolina.....	618,531	147,703	766,234	14,208	6	657,209	41,109	1,513	
South Carolina.....	359,347	90,472	449,819	3,708	6	324,961	20,590	489	
Georgia.....	503,284	145,251	648,535	4,513	6	540,087	34,044	134	
Florida.....	555,522	137,549	693,071	16,652	7	549,090	41,681	635	
Kentucky.....	431,236	118,461	549,697	9,343	5	432,361	21,666	1,205	
Tennessee.....	478,771	122,111	600,882	9,964	7	471,928	34,755	94	
Alabama.....	362,902	121,088	483,990	8,544	6	403,851	25,761	674	
Mississippi.....	242,842	109,273	352,115	4,745	6	316,803	19,061	129	
Arkansas.....	242,212	110,646	352,858	5,559	6.5	277,099	18,491	4	
Louisiana.....	360,698	105,958	466,656	5,837	7	384,633	27,487	54	
Oklahoma.....	467,998	143,078	611,076	10,900	5.5	438,694	25,890	448	
Texas.....	1,587,680	435,821	2,023,501	42,977	4	1,691,734	66,854	285	
Montana.....	132,202	61,181	193,383	2,095	5	140,969	6,869	107	
Idaho.....	140,228	51,137	191,365	2,133	6	143,734	8,538	118	
Wyoming.....	73,868	25,745	99,613	1,144	4	91,217	4,135	643	
Colorado.....	328,188	94,737	422,925	3,960	6	302,824	16,328	1,413	
New Mexico.....	114,656	40,831	155,487	2,534	5	155,832	7,542	623	
Arizona.....	143,749	42,295	186,044	2,366	5	177,270	8,286	696	
Utah.....	149,070	35,670	184,740	1,965	4	151,422	6,257	-----	
Nevada.....	44,622	12,330	56,952	564	4	58,851	2,393	553	
Washington.....	578,169	133,415	711,584	7,901	5	524,676	25,860	405	
Oregon.....	406,655	115,845	522,500	6,079	5	383,410	18,875	3,491	
California.....	2,999,533	478,967	3,478,500	54,572	4.5	2,745,640	95,065	9,223	
Total.....	30,847,835	6,512,628	37,360,463	611,650	4.25	28,215,705	1,206,305	34,447	

<sup>1</sup> Weighted average rate.

Public Roads Administration, Federal Works Agency.

TABLE 699.—Interest rates on outstanding farm-mortgage debt, by geographic divisions, Jan. 1, 1929-48<sup>1</sup>

Year	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific	United States
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
1929	5.8	5.8	5.8	5.7	6.4	6.1	6.6	6.7	6.5	6.0
1930	5.8	5.8	5.8	5.6	6.3	6.1	6.6	6.7	6.5	6.0
1931	5.8	5.9	5.8	5.6	6.3	6.1	6.6	6.7	6.5	6.0
1932	5.8	5.9	5.8	5.6	6.3	6.1	6.5	6.7	6.5	6.0
1933	5.8	5.9	5.8	5.7	6.3	6.1	6.5	6.7	6.5	6.0
1934	5.7	5.7	5.6	5.5	5.9	5.7	6.2	6.3	6.2	5.8
1935	5.5	5.5	5.3	5.3	5.5	5.4	5.8	5.9	5.8	5.5
1936	5.3	5.3	4.9	4.9	5.1	5.0	5.2	5.4	5.4	5.1
1937	5.2	5.2	4.8	4.7	5.1	5.0	5.0	5.3	5.3	4.9
1938	5.0	5.1	4.6	4.5	4.9	4.9	4.8	5.0	5.1	4.7
1939	4.9	5.1	4.5	4.4	4.9	4.8	4.7	4.9	5.0	4.6
1940	4.9	4.9	4.5	4.3	4.9	4.8	4.5	4.8	4.9	4.6
1941	4.8	4.8	4.4	4.2	4.7	4.7	4.4	4.7	4.8	4.5
1942	4.8	4.8	4.3	4.2	4.7	4.7	4.4	4.6	4.8	4.4
1943	4.7	4.7	4.3	4.2	4.6	4.7	4.4	4.6	4.7	4.4
1944	4.7	4.7	4.3	4.1	4.6	4.6	4.3	4.5	4.7	4.4
1945	4.8	4.7	4.4	4.3	4.7	4.8	4.5	4.7	4.8	4.5
1946	4.9	4.8	4.4	4.3	5.0	5.0	4.6	4.9	4.9	4.6
1947	4.9	4.7	4.4	4.3	5.0	5.0	4.6	4.8	4.8	4.6
1948	4.9	4.7	4.4	4.3	5.1	5.0	4.6	4.8	4.7	4.6

<sup>1</sup> Contract rates, except for temporarily reduced rates on Federal land bank loans, 1934-44, and on Federal Farm Mortgage Corporation loans, 1938-45.

Bureau of Agricultural Economics.

TABLE 700.—Interest charges payable on outstanding farm-mortgage debt, by geographic divisions, 1929-47<sup>1</sup>

Year	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific	United States
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1929	9,711	27,077	110,152	207,122	33,853	26,454	72,904	37,790	56,936	581,999
1930	10,086	26,866	107,039	198,084	31,974	25,961	72,072	38,691	58,983	569,756
1931	10,456	27,331	103,250	190,660	30,090	25,330	69,712	38,235	57,941	553,008
1932	10,765	27,201	98,282	180,603	27,611	23,955	65,986	36,056	55,301	525,760
1933	10,390	25,458	89,590	161,555	24,331	21,321	58,556	31,467	49,615	472,283
1934	9,889	23,553	83,498	146,291	23,290	20,270	52,933	27,309	43,378	430,120
1935	9,338	22,269	78,630	134,923	21,894	18,758	47,081	25,014	38,185	396,092
1936	8,765	21,113	73,470	121,544	20,912	18,391	42,162	22,677	35,440	364,474
1937	8,332	20,289	69,501	110,886	20,169	18,022	38,793	20,854	33,884	340,730
1938	7,890	19,485	66,050	102,235	19,733	18,100	35,627	19,020	31,954	320,094
1939	7,503	18,771	64,225	95,869	19,606	18,207	33,270	17,575	30,423	305,449
1940	7,181	17,909	62,260	90,648	19,199	18,236	31,754	16,769	29,135	293,091
1941	6,819	17,228	60,226	87,726	19,048	18,096	31,314	16,116	27,721	284,294
1942	6,425	16,543	57,139	84,369	18,471	17,396	30,308	15,038	26,158	271,847
1943	5,939	15,340	50,832	76,740	17,085	15,640	27,188	13,311	23,742	245,817
1944	5,650	14,259	46,845	71,152	16,359	14,728	25,659	12,644	22,769	230,165
1945	5,473	13,783	44,224	65,797	16,013	14,657	24,463	12,551	22,552	220,113
1946	5,379	14,023	42,419	60,044	15,424	15,525	24,466	12,972	23,085	216,337
1947	5,484	14,814	42,376	56,113	20,876	16,737	26,285	14,414	24,443	221,542

<sup>1</sup> Interest charges payable during calendar year. Excludes amounts paid by Secretary of the Treasury to Federal land banks, 1935-44, and Federal Farm Mortgage Corporation, 1937-45, as reimbursement for interest reductions granted borrowers.

<sup>2</sup> Revised.

Bureau of Agricultural Economics.

TABLE 701.—*Loan and bond rates and bond yields, selected series, United States, 1929-47*

Year	Federal land banks <sup>1</sup>			Federal Farm Mortgage Corporation <sup>1</sup>			Federal intermediate credit banks <sup>1</sup>		Prime commercial paper (4-6 months) <sup>9 10</sup>	Federal reserve bank discount rates, New York <sup>9 11</sup>
	Loan rates <sup>2 3</sup>	Bond rates <sup>4</sup>	Bond yields <sup>5</sup>	Loan rates <sup>6</sup>	Bond rates <sup>4</sup>	Bond yields <sup>7</sup>	Dis-count rates <sup>8</sup>	De-benture rates <sup>8</sup>		
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
1929	5.32	4.53	4.62	-----	-----	-----	5.61	4.92	5.85	4 1/4-6
1930	5.63	4.53	4.58	-----	-----	-----	4.54	3.39	3.59	2-4 1/2
1931	5.63	4.52	5.13	-----	-----	-----	4.08	3.21	2.63	1 1/4-3 1/2
1932	5.61	4.53	5.32	-----	-----	-----	4.23	3.33	2.73	2 1/4-3 1/2
1933	5.30	4.45	5.18	-----	-----	-----	3.10	2.55	1.72	2-3 1/2
1934	5.00	4.24	4.17	5.00	2.99	3.11	2.29	1.83	1.02	1 1/4-2
1935	4.32	3.86	3.13	5.00	2.87	2.77	2.00	1.50	.76	1 1/4
1936	4.00	3.60	2.81	5.00	2.87	2.42	2.00	1.50	.75	1 1/4
1937	4.00	3.54	2.75	5.00	2.87	2.42	2.00	1.50	.95	1-1 1/2
1938	4.00	3.53	2.37	5.00	2.88	1.75	2.00	1.24	.81	1
1939	4.00	3.53	1.90	5.00	2.98	1.07	1.58	.88	.59	1
1940	4.00	3.53	1.70	5.00	3.00	.59	1.50	.75	.56	1
1941	4.00	3.53	(12)	5.00	3.00	12.70	1.50	.70	.54	1
1942	4.00	3.48	(12)	5.00	2.93	13.90	1.50	.77	.66	1 1/4
1943	4.00	3.42	(12)	5.00	3.03	13.64	1.50	.81	.69	1 1/4
1944	4.00	3.06	(12)	5.00	12.00	(12)	1.50	.87	.73	1 1/4
1945	4.00	2.45	(12)	5.00	12.00	(12)	1.50	.88	.75	1 1/4
1946	4.00	1.55	1.36	5.00	-----	-----	1.50	.93	.81	1
1947	4.00	1.55	1.46	5.00	-----	-----	1.53	1.11	1.03	1

<sup>1</sup> Farm Credit Administration.<sup>2</sup> In computing rates, each farm credit district is given equal weight, but within each district rates are weighted by number of days in force.<sup>3</sup> Contract rates on loans through national farm loan associations. Temporarily reduced rate in effect between July 11, 1933, and June 30, 1935, was 4.5 percent, and between July 1, 1935, and June 30, 1944, 3.5 percent.<sup>4</sup> Based on bonds outstanding on Dec. 31, each year, excluding bonds owned by the issuing agency.<sup>5</sup> Average of daily yields on asked prices of all long-term issues, except those callable in 5 years or less. Average for 1946 based on yields on bonds issued after Jan. 31, 1945, and due or callable between 1948 and 1955; these yields are to call date where price was above par, but to maturity where price was at or below par.<sup>6</sup> Contract rate. Temporarily reduced rate in effect between July 22, 1937, and June 30, 1940, was 4.0 percent; between July 1, 1940, and June 30, 1944, was 3.5 percent; and between July 1, 1944, and June 30, 1945, was 4.0 percent. Authority to make new loans expired July 1, 1947.<sup>7</sup> Average of daily yields on all outstanding issues with a minimum original term of 7 years or more.<sup>8</sup> Based on debentures issued during the year.<sup>9</sup> Board of Governors of Federal Reserve System.<sup>10</sup> Prevailing open-market rates in New York City.<sup>11</sup> Discount rates on advances secured by Government obligations maturing or callable beyond 1 year and discounts of and advances secured by eligible paper.<sup>12</sup> All outstanding bonds from May 1, 1941, to Feb. 1, 1945, were callable in 5 years or less. Yield for 1945 not shown because of refinancing activities.<sup>13</sup> Excludes two issues quoted on a negative yield basis.<sup>14</sup> A rate of one-half of 1 percent was effective from Oct. 30, 1942, to Apr. 23, 1946, on advances secured by Government obligations maturing or callable in 1 year or less.<sup>15</sup> Both of the bond issues included were callable in 1944.<sup>16</sup> Represents only one issue of bonds.<sup>17</sup> After May 15, 1944, all outstanding bonds were held by United States Treasury.

Bureau of Agricultural Economics.

TABLE 702.—Farmers' mutual fire insurance, United States, 1929-45<sup>1</sup>

Year	Companies <sup>2</sup>	Amount of insurance in force at end of year	Cost per \$100 of insurance			Surplus and reserves at end of year <sup>3</sup>
			Losses	Expenses	Total	
	Number	1,000 dollars	Cents	Cents	Cents	1,000 dollars
1929.....	1,876	11,118,510	21.8	6.6	28.4	.....
1930.....	1,886	11,382,104	24.8	6.8	31.6	.....
1931.....	1,863	11,292,339	24.1	6.9	31.0	.....
1932.....	1,847	10,974,082	24.9	7.1	32.0	.....
1933.....	1,826	10,466,384	21.2	7.3	28.5	.....
1934.....	1,852	10,571,508	19.7	7.2	26.9	.....
1935.....	1,941	11,083,300	15.7	7.5	23.2	33,686
1936.....	1,936	11,339,510	20.7	7.4	28.0	35,083
1937.....	1,924	11,569,476	16.5	7.6	24.1	37,479
1938.....	1,914	11,868,569	18.0	8.0	26.0	40,105
1939.....	1,904	12,143,881	18.4	8.2	26.6	41,819
1940.....	1,898	12,294,287	17.1	8.1	25.2	45,474
1941.....	1,885	12,518,913	16.2	8.4	24.6	50,119
1942.....	1,877	12,982,390	14.6	8.1	22.7	55,797
1943.....	1,878	13,777,555	16.2	7.7	23.9	61,413
1944 <sup>4</sup> .....	1,847	14,221,012	15.9	7.8	23.7	63,490
1945 <sup>5</sup> .....	1,849	15,185,720	15.7	8.0	23.7	70,739

<sup>1</sup> For 1929-33, data are for companies with more than 65 percent of their insurance on farm property, and thereafter for companies with more than 50 percent.

<sup>2</sup> Number of companies for which data could be obtained. Variations from year to year in this column may not represent real variation in the number of companies operating.

<sup>3</sup> Excess of assets over liabilities. Most of the farmers' mutuals are assessment companies and as such are not required to set up unearned premium reserves. Data not compiled prior to 1935.

<sup>4</sup> Revised.

<sup>5</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1934-41 from Farm Credit Administration. All data compiled from published State reports, supplemented by information from State insurance officials, officers of farmers' mutuals, and others.

TABLE 703.—Farmers' mutual fire insurance, by States, 1945<sup>1</sup>

State and division	Com- panies <sup>2</sup>	Amount of insurance in force at end of year	Cost per \$100 of insurance			Surplus and reserves at end of year <sup>3</sup>
			Losses	Expenses	Total	
	Number	1,000 dollars	Cents	Cents	Cents	1,000 dollars
Maine.....	38	100,482	37.4	25.8	63.2	310
New Hampshire.....	14	39,178	27.0	28.1	55.1	314
Vermont.....	4	99,014	40.4	8.9	49.3	239
Massachusetts.....	0	0	0	0	0	0
Rhode Island.....	2	5,000	9.4	14.6	24.0	173
Connecticut.....	4	25,280	21.4	16.2	37.6	401
<b>New England.....</b>	<b>62</b>	<b>268,954</b>	<b>35.0</b>	<b>18.6</b>	<b>53.6</b>	<b>1,437</b>
New York.....	127	684,153	22.1	10.1	32.2	3,870
New Jersey.....	11	177,241	14.6	17.9	32.5	1,991
Pennsylvania.....	162	1,324,277	15.3	8.5	23.8	7,389
<b>Middle Atlantic.....</b>	<b>300</b>	<b>2,185,671</b>	<b>17.4</b>	<b>9.7</b>	<b>27.1</b>	<b>13,250</b>
Ohio.....	96	1,173,680	15.7	3.9	19.6	2,557
Indiana.....	73	934,777	16.8	6.7	23.5	3,067
Illinois.....	204	939,480	13.6	5.5	19.1	2,758
Michigan.....	60	834,876	23.2	9.7	32.9	3,212
Wisconsin.....	195	1,530,620	14.0	4.5	18.5	3,782
<b>East North Central.....</b>	<b>628</b>	<b>5,513,432</b>	<b>16.3</b>	<b>5.8</b>	<b>22.1</b>	<b>15,376</b>
Minnesota.....	156	1,264,383	10.3	4.0	14.3	3,493
Iowa.....	150	1,637,083	13.3	4.7	18.0	5,487
Missouri.....	115	404,377	21.1	7.7	28.8	1,539
North Dakota.....	34	156,805	11.6	8.0	19.6	1,140
South Dakota.....	42	370,832	8.1	5.0	13.1	1,374
Nebraska.....	45	607,817	7.8	7.0	14.8	2,493
Kansas.....	15	769,508	15.9	14.9	30.8	3,145
<b>West North Central.....</b>	<b>557</b>	<b>5,210,775</b>	<b>12.5</b>	<b>6.6</b>	<b>19.1</b>	<b>18,671</b>
Delaware.....	3	5,907	11.9	12.9	24.8	153
Maryland.....	14	513,762	17.7	15.2	32.9	5,458
Virginia.....	39	189,384	13.9	13.6	27.5	2,425
West Virginia.....	14	90,733	9.9	12.9	22.8	1,125
North Carolina.....	28	67,912	18.5	7.8	26.3	900
South Carolina.....	9	12,350	27.5	20.8	48.3	342
Georgia.....	20	31,774	28.1	14.9	43.0	567
Florida.....	0	0	0	0	0	0
<b>South Atlantic.....</b>	<b>127</b>	<b>911,821</b>	<b>16.6</b>	<b>14.1</b>	<b>30.7</b>	<b>10,971</b>
Kentucky.....	17	90,790	20.9	16.4	37.3	1,628
Tennessee.....	30	59,427	14.3	12.7	27.0	343
Alabama.....	2	4,829	23.7	34.1	57.8	49
Mississippi.....	0	0	0	0	0	0
<b>East South Central.....</b>	<b>49</b>	<b>155,046</b>	<b>18.5</b>	<b>15.5</b>	<b>34.0</b>	<b>2,020</b>
Arkansas.....	15	50,303	25.3	19.6	44.9	269
Louisiana.....	0	0	0	0	0	0
Oklahoma.....	6	100,482	36.5	21.3	57.8	955
Texas.....	45	147,608	20.6	7.1	27.7	1,179
<b>West South Central.....</b>	<b>66</b>	<b>298,393</b>	<b>26.7</b>	<b>13.9</b>	<b>40.6</b>	<b>2,403</b>
Montana.....	12	28,394	12.9	8.2	21.1	190
Idaho.....	9	83,757	14.0	8.5	22.5	349
Wyoming.....	3	4,787	8.8	13.8	22.6	43
Colorado.....	5	69,059	10.6	13.7	24.3	442
New Mexico.....	0	0	0	0	0	0
Arizona.....	0	0	0	0	0	0
Utah.....	1	20,500	9.5	17.9	27.4	265
Nevada.....	0	0	0	0	0	0
<b>Mountain.....</b>	<b>30</b>	<b>206,497</b>	<b>12.1</b>	<b>11.3</b>	<b>23.4</b>	<b>1,289</b>
Washington.....	5	93,447	21.5	16.3	37.8	1,484
Oregon.....	5	45,900	13.5	12.9	26.4	573
California.....	20	295,784	16.3	18.7	35.0	3,265
<b>Pacific.....</b>	<b>30</b>	<b>435,131</b>	<b>17.1</b>	<b>17.6</b>	<b>34.7</b>	<b>5,322</b>
<b>United States.....</b>	<b>1,849</b>	<b>15,185,720</b>	<b>15.7</b>	<b>8.0</b>	<b>23.7</b>	<b>70,739</b>

See footnotes at bottom of page 625.

TABLE 704.—Farm fire losses, United States, 1937-47<sup>1</sup>

Year	Amount	Year	Amount	Year	Amount
	Million dollars		Million dollars		Million dollars
1937.....	66	1941.....	68	1945.....	80
1938.....	73	1942.....	64	1946 <sup>2</sup> .....	82
1939.....	76	1943.....	75	1947 <sup>3</sup> .....	99
1940.....	71	1944.....	77		

<sup>1</sup> Covers fire and lightning losses on buildings, implements and machinery, livestock, crops, and household goods.

<sup>2</sup> Preliminary.

Bureau of Agricultural Economics.

TABLE 705.—Wheat crop insurance, United States, 1939-47<sup>1</sup>

Year	Coverage			Amount of premiums <sup>4</sup>	Indemnities		
	Insurance units <sup>2</sup>	Acreage insured <sup>3</sup>	Maximum insured production		Number	Acreage indemnified <sup>5</sup>	Amount <sup>(*)</sup>
	Number	1,000 acres	1,000 bushels	1,000 bushels		1,000 acres	1,000 bushels
1939.....	176,755	7,010	60,926	6,670	55,932	2,589	10,164
1940.....	360,596	12,755	108,285	13,797	112,762	5,017	22,898
1941.....	371,390	11,734	104,306	12,643	130,774	3,389	18,857
1942.....	400,043	9,630	88,063	8,768	108,368	2,023	10,575
1943.....	357,733	<sup>5</sup> 8,149	<sup>5</sup> 75,264	8,024	133,076	<sup>5</sup> 2,448	13,268
1943 <sup>1</sup> .....	19,494	1,106	7,594	1,084	2,209	136	472
1946.....	292,268	9,224	84,160	9,228	45,563	<sup>5</sup> 1,766	5,390
1947.....	318,683	<sup>5</sup> 11,573	<sup>5</sup> 99,506	10,719	37,768	<sup>5</sup> 1,617	6,354

<sup>1</sup> No insurance was written on the 1944 wheat crop. Only spring wheat was insured in 1945. All wheat was insured in the other years.

<sup>2</sup> Number of farms insured on which wheat was seeded, including duplication where both landlord and tenant are insured. Insured farms on which no wheat was seeded are not included.

<sup>3</sup> Wheat acreage for the farm, as included in the contract, although insurance for the farm may cover interest of landlord, of tenant, or both.

<sup>4</sup> Premiums and indemnities are determined in bushels of wheat, although transactions may be made in the cash equivalent.

<sup>5</sup> Estimated.

Federal Crop Insurance Corporation.

## FOOTNOTES FOR TABLE 703:

<sup>1</sup> Preliminary. Data are for companies with more than half of their insurance on farm property.

<sup>2</sup> Number of companies for which data could be obtained.

<sup>3</sup> Excess of assets over liabilities. Most of the farmers' mutuals are assessment companies and as such are not required to set up unearned premium reserves.

<sup>4</sup> No mutual fire insurance companies with more than half of their insurance on farm property.

Bureau of Agricultural Economics. Compiled from published State reports, supplemented by data from State insurance officials, officers of farmers' mutuals, and others.

TABLE 706.—Wheat crop insurance, by States, crop of 1947

Wheat area and State <sup>1</sup>	Coverage			Amount of premiums <sup>2</sup>	Indemnities		
	Insurance units <sup>3</sup>	Acreage insured <sup>4</sup>	Maximum insured production <sup>4</sup>		Number	Acreage indemnified <sup>5</sup>	Amount <sup>(6)</sup>
	Number	1,000 acres	1,000 bushels	1,000 bushels		1,000 acres	1,000 bushels
<b>Soft Red Winter:</b>							
New York.....	4,782	97	1,412	65	794	16	57
New Jersey.....	775	13	217	10	38	1	4
Pennsylvania.....	10,532	140	1,741	108	255	3	10
Ohio.....	38,038	577	6,754	465	4,581	69	254
Indiana.....	33,332	539	5,507	462	1,528	25	83
Illinois.....	26,866	564	4,908	488	2,734	58	331
Michigan.....	30,156	385	5,587	330	3,623	46	208
Missouri.....	17,975	446	3,449	468	4,507	112	802
Delaware.....	695	20	217	10	63	2	3
Maryland.....	5,499	136	1,663	77	346	9	16
Virginia.....	4,468	65	693	35	359	5	19
West Virginia.....	1,339	17	181	11	97	1	3
North Carolina.....	3,163	32	244	15	102	1	3
Kentucky.....	2,692	47	433	33	607	11	40
Tennessee.....	2,788	49	350	20	386	7	14
Georgia.....	273	8	50	5	64	2	6
<b>Total.....</b>	<b>183,373</b>	<b>3,135</b>	<b>33,406</b>	<b>2,602</b>	<b>20,084</b>	<b>368</b>	<b>1,853</b>
<b>Hard Red Winter:</b>							
Iowa.....	3,620	86	932	136	1,234	29	245
Nebraska.....	19,268	680	5,602	829	1,507	53	234
Kansas.....	27,568	1,307	8,884	1,161	2,982	141	429
Oklahoma.....	10,237	823	4,929	598	1,041	84	161
Texas.....	5,628	501	2,977	611	1,641	146	303
Wyoming.....	380	31	271	51	73	6	27
Colorado.....	4,470	219	2,421	443	701	50	173
New Mexico.....	1,045	121	618	187	384	45	119
Utah.....	3,867	116	1,518	109	226	7	46
<b>Total.....</b>	<b>76,083</b>	<b>3,984</b>	<b>28,152</b>	<b>4,125</b>	<b>9,789</b>	<b>561</b>	<b>1,737</b>
<b>Hard Red Spring:</b>							
<b>and Durum:</b>							
Wisconsin.....	2,486	17	207	19	281	2	11
Minnesota.....	8,909	323	2,491	171	1,347	49	94
North Dakota.....	18,446	1,422	8,157	1,079	822	64	143
South Dakota.....	8,128	486	3,178	554	813	49	146
Montana.....	8,885	819	7,254	1,283	2,825	260	1,244
<b>Total.....</b>	<b>46,854</b>	<b>3,067</b>	<b>21,287</b>	<b>3,106</b>	<b>6,088</b>	<b>424</b>	<b>1,638</b>
<b>White:</b>							
Idaho.....	4,847	221	3,858	200	248	11	83
Arizona.....	49	2	30	3	28	1	7
Nevada.....	80	2	32	3	18	(6)	5
Washington.....	3,600	620	6,558	291	479	82	337
Oregon.....	2,221	252	3,221	147	283	32	154
California.....	1,576	290	2,962	242	751	138	540
<b>Total.....</b>	<b>12,373</b>	<b>1,387</b>	<b>16,661</b>	<b>886</b>	<b>1,807</b>	<b>264</b>	<b>1,126</b>
<b>United States.....</b>	<b>318,683</b>	<b>11,573</b>	<b>99,506</b>	<b>10,719</b>	<b>37,768</b>	<b>1,617</b>	<b>6,354</b>

<sup>1</sup> Based upon principal classes of wheat grown.<sup>2</sup> Number of farms insured on which wheat was seeded, including duplication where both landlord and tenant are insured. Insured farms on which no wheat was seeded are not included.<sup>3</sup> Wheat acreage for farm, as included in contract, although the insurance for the farm may cover interest of landlord, of tenant, or both. Figures are estimated.<sup>4</sup> Estimated.<sup>5</sup> Premiums and indemnities are determined in bushels of wheat, although transactions may be made in the cash equivalent.<sup>6</sup> Less than 500.

Federal Crop Insurance Corporation.



TABLE 707.—Cotton crop insurance, United States, 1942-47<sup>1</sup>

Year	Coverage			Amount of pre-miums <sup>2</sup>	Indemnities		
	Insurance units <sup>3</sup>	Acreage insured <sup>4</sup>	Maximum insured production <sup>5</sup>		Number	Acreage indemnified <sup>6</sup>	Amount <sup>(7)</sup>
	<i>Number</i>	<i>1,000 acres</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>		<i>1,000 acres</i>	<i>1,000 pounds</i>
1942.....	169,072	2,816	407,612	31,433	47,744	755	52,585
1943.....	164,908	* 2,690	* 386,690	30,724	40,632	* 816	58,274
1945 <sup>1</sup> .....	113,848	3,042	382,649	22,321	48,399	1,780	76,405
1946.....	132,042	* 4,307	* 527,401	43,306	73,979	* 2,780	151,146
1947.....	119,164	* 2,754	* 375,056	40,053	39,279	* 920	42,947

<sup>1</sup> No insurance was written on the 1944 crop.<sup>2</sup> Number of farms insured on which cotton was planted, including duplication where both landlord and tenant are insured. Insured farms on which no cotton was planted are not included.<sup>3</sup> Cotton acreage for farm as included in the contract, although insurance for the farm may cover interest of landlord, of tenant, or both.<sup>4</sup> Maximum liability of the Corporation was somewhat greater than shown, as the insured producers had the option of insuring cottonseed, and the lint indemnities for those producers exercising this option were increased by 19 percent for the 1942 crop and 20 percent for the 1943, 1945, 1946 and 1947 crops.<sup>5</sup> Premiums and indemnities are determined in pounds of lint cotton, although transactions may be made in the cash equivalent.<sup>6</sup> Estimated.

Federal Crop Insurance Corporation.

TABLE 708.—Cotton crop insurance, by States, crop of 1947

State	Coverage			Amount of pre-miums <sup>2</sup>	Indemnities		
	Insurance units <sup>3</sup>	Acreage insured <sup>4</sup>	Maximum insured production <sup>5</sup>		Number	Acreage indemnified <sup>6</sup>	Amount <sup>(7)</sup>
	<i>Number</i>	<i>1,000 acres</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>		<i>1,000 acres</i>	<i>1,000 pounds</i>
Illinois.....	268	2	305	50	145	1	73
Missouri.....	869	19	2,830	271	165	4	179
Virginia.....	163	1	94	9	6	( <sup>6</sup> )	1
North Carolina.....	3,454	25	3,836	280	539	4	234
South Carolina.....	7,406	97	13,825	1,176	2,083	27	1,722
Georgia.....	10,034	130	15,576	1,558	2,562	33	2,043
Florida.....	335	2	210	26	114	1	37
Kentucky.....	71	1	193	21	18	( <sup>6</sup> )	23
Tennessee.....	2,245	21	3,468	374	397	4	331
Alabama.....	14,214	152	17,522	1,967	3,860	41	1,834
Mississippi.....	22,521	436	85,396	6,983	8,132	157	9,005
Arkansas.....	8,218	207	30,101	2,978	4,172	105	6,678
Louisiana.....	11,405	204	31,787	4,504	4,237	76	4,091
Oklahoma.....	3,976	91	6,759	1,296	1,981	45	1,698
Texas.....	30,935	1,126	100,962	14,911	10,508	383	12,786
New Mexico.....	1,300	54	15,608	1,352	233	10	1,205
Arizona.....	590	130	28,580	1,414	51	25	660
California.....	1,160	56	18,002	882	76	4	346
United States.....	119,164	2,754	375,056	40,053	39,279	920	42,947

<sup>1</sup> Number of farms insured on which cotton was planted, including duplication where both landlord and tenant are insured. Insured farms on which no cotton was planted are not included.<sup>2</sup> Cotton acreage for farm as included in the contract, although insurance for the farm may cover interest of landlord, of tenant, or both. Figures are estimated.<sup>3</sup> Maximum liability of the Corporation was somewhat greater than shown, as the insured producers had the option of insuring cottonseed, and the lint indemnities for those producers exercising this option were increased by 20 percent. Figures are estimated.<sup>4</sup> Premiums and indemnities are determined in pounds of lint cotton, although transactions may be made in the cash equivalent.<sup>5</sup> Less than 500.

Federal Crop Insurance Corporation.

TABLE 709.—*Flax (flaxseed) crop insurance, by States, crop of 1947, with totals for crops of 1945 and 1946*

State	Crop harvested in 1947						
	Coverage			Amount of premiums (4)	Indemnities		
	Insurance units 1	Acreage insured 2	Maxi- mum insured production 3		Number	Acreage indemnified 5	Amount 6
	Number	1,000 acres	1,000 bushels	1,000 bushels		1,000 acres	1,000 bushels
Michigan.....	123	2	12	1	92	1	4
Wisconsin.....	47	1	7	1	22	1	2
Minnesota.....	24,339	688	3,595	474	5,137	145	301
Iowa.....	109	3	14	2	4	(7)	(7)
Missouri.....	88	2	7	2	63	2	3
North Dakota.....	7,007	365	774	144	593	31	31
South Dakota.....	2,268	71	205	43	154	5	6
Kansas.....	1,097	22	83	13	643	13	33
Oklahoma.....	21	1	3	1	12	1	(7)
Texas.....	3	(7)	1	(7)	1	(7)	(7)
Montana.....	736	49	119	31	288	19	33
California.....	19	1	18	2	3	(7)	1
United States.....	35,857	1,204	4,838	713	7,012	217	414
United States:							
1945.....	31,787	771	3,676	487	6,930	180	289
1946.....	10,826	277	1,341	174	3,528	98	186

<sup>1</sup> Number of farms on which flax was planted, including duplication where both landlord and tenant are insured. Insured farms on which no flax was planted are not included.

<sup>2</sup> Flax acreage for farm as included in the contract, although insurance for the farm may cover interest of landlord, of tenant, or both. Estimated in 1947.

<sup>3</sup> Estimated.

<sup>4</sup> Premiums and indemnities are determined in bushels of flax, although transactions may be made in the cash equivalent.

<sup>5</sup> Less than 500.

Federal Crop Insurance Corporation.

TABLE 710.—*Experimental crop-insurance programs, United States, crops of 1945-48*<sup>1</sup>

Crop and year	Coverage				Amount of premiums <sup>4</sup>	Indemnities		
	Number of counties participating	Insurance units <sup>2</sup>	Acreage insured <sup>3</sup>	Maximum insured production		Number	Acreage indemnified <sup>4</sup>	Amount <sup>4</sup>
		Number	1,000 acres	1,000 dollars	1,000 dollars		1,000 acres	1,000 dollars
<b>Corn:</b>								
1945.....	15	13,582	418	7,646	397	3,420	94	657
1946.....	19	8,811	337	5,901	375	1,459	44	310
1947.....	19	7,834	293	5,668	422	2,047	57	918
1948.....	36	16,416			434			
<b>Tobacco:</b>								
1945.....	13	13,826	54	14,558	677	1,832	10	532
1946.....	19	17,763	73	16,709	800	1,468	5	328
1947.....	19	16,548	70	15,973	692	2,692	11	769
1948.....	33	36,377			645			
Wheat: 1948.....	200	95,515			8,824			
Cotton: 1948.....	53	22,927			1,504			
Flax: 1948.....	48	21,145			1,015			
Dry edible beans: 1948.....	4	1,675			32			
Multiple crops*: 1948.....	2	896			23			

<sup>1</sup> Beginning in 1945, insurance on corn and tobacco was offered in a limited number of counties on an experimental basis. Beginning in 1948, insurance on all commodities was reduced to an experimental basis and offered only in a limited number of counties. Insurance on dry edible beans and multiple crops was added in 1948.

<sup>2</sup> Number of farms on which the insured crop was planted, including duplication where both landlord and tenant are insured. Insured farms on which no crop was planted are not included.

<sup>3</sup> Acreage of the insured crop for the farm as included in the contract, although insurance for farm may cover interest of landlord, of tenant, or both.

<sup>4</sup> Premiums, indemnities, and insured production for commodity (yield) insurance are determined in the standard unit of measure for the commodity, although transactions may be made in the cash equivalent. These data are shown in this table as the dollar equivalent and combined with data for monetary and investment-type insurance, which are determined in dollars only.

<sup>5</sup> Estimated.

\* Includes a combination of four of the following commodities, varying by counties: Wheat, flax, oats, corn, dry edible beans.

Federal Crop Insurance Corporation.

TABLE 711.—Farm-mortgage debt: Total outstanding and amounts held by principal lender groups, United States, Jan. 1, 1929-48<sup>1</sup>

Year	Total	Federal land banks <sup>2</sup>	Federal Farm Mortgage Corporation <sup>3</sup>	Life insurance companies <sup>4</sup>	Joint-stock land banks <sup>5</sup>	Farmers Home Administration <sup>6</sup>	Commercial banks <sup>7</sup>	Individuals and others
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1929.....	9,756,559	1,132,813	-----	2,138,980	656,516	-----	1,046,624	4,731,626
1930.....	9,630,768	1,201,732	-----	2,118,439	637,789	-----	997,468	4,675,340
1931.....	9,398,088	1,197,063	-----	2,087,047	605,858	-----	946,876	4,561,244
1932.....	9,063,983	1,180,992	-----	2,036,614	552,180	-----	940,135	4,384,062
1933.....	8,466,418	1,147,014	-----	1,898,318	474,954	-----	889,083	4,057,049
1934.....	7,685,203	1,257,825	70,738	1,697,787	412,346	-----	710,863	3,535,644
1935.....	7,584,459	1,947,442	610,737	1,301,562	277,020	-----	498,842	2,942,856
1936.....	7,422,701	2,113,502	794,147	1,112,289	200,617	-----	487,505	2,714,641
1937.....	7,153,963	2,147,768	841,251	1,015,615	162,786	-----	457,534	2,499,009
1938.....	6,954,884	2,126,610	824,151	988,557	133,554	(7)	501,450	2,380,562
1939.....	6,779,318	2,088,478	774,377	982,939	114,992	7 10,218	519,276	2,280,038
1940.....	6,586,399	2,009,820	713,290	984,290	91,726	7 31,927	534,170	2,221,176
1941.....	6,491,435	1,957,184	685,149	1,016,479	73,455	7 65,294	543,408	2,150,466
1942.....	6,372,277	1,880,784	634,885	1,063,166	55,919	7 114,533	535,212	2,087,778
1943.....	5,950,975	1,718,240	543,895	1,042,939	37,015	7 157,463	476,676	1,974,747
1944.....	5,389,080	1,452,886	429,751	986,661	7 10,097	7 171,763	448,435	1,889,489
1945.....	4,932,942	1,208,676	347,307	933,723	5,455	7 193,377	449,582	1,795,822
1946.....	4,681,720	1,078,952	239,365	884,312	3,208	7 181,861	507,298	1,786,724
1947.....	4,777,355	976,748	146,621	890,161	1,641	7 189,300	683,229	1,889,655
1948.....	4,881,744	888,933	107,066	936,730	645	195,069	793,476	1,959,825

<sup>1</sup> Continental United States only.<sup>2</sup> 1930-48, includes regular mortgages, purchase-money mortgages, and sales contracts; prior to 1930, includes regular mortgages only.<sup>3</sup> Loans held by Federal Farm Mortgage Corporation were made on its behalf by Land Bank Commissioner.<sup>4</sup> Joint-stock land banks have been in liquidation since May 12, 1933. Includes banks in receivership.<sup>5</sup> Formerly Farm Security Administration. Revised series. Prior to 1942, includes tenant-purchase loans. Beginning with 1942, includes farm-development (special real estate) loans; beginning with 1944, includes farm-enlargement loans; and beginning with 1945, includes project-liquidation loans. Loans made for these purposes from State Corporation trust funds are included. Loans insured by Farmers Home Administration are not included.<sup>6</sup> 1935-48, insured commercial banks; prior to 1935, open State and national banks.<sup>7</sup> Revised.

Bureau of Agricultural Economics.

TABLE 712.—*Farm-mortgage debt: Total amount outstanding, by States, Jan. 1, 1930, 1935, 1940, and 1945-48*

State and division	1930	1935	1940	1945	1946	1947	1948
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Maine.....	27,613	30,626	24,757	16,713	16,431	17,681	18,732
New Hampshire.....	11,756	12,423	11,220	9,706	9,584	9,822	10,586
Vermont.....	35,365	31,391	27,814	21,975	22,814	25,768	27,006
Massachusetts.....	48,984	49,613	45,845	36,778	32,950	30,361	31,277
Rhode Island.....	4,632	4,065	4,121	3,583	3,569	3,544	3,567
Connecticut.....	43,358	47,886	36,742	26,105	23,899	22,906	22,358
New England.....	171,708	176,004	150,499	114,860	109,247	110,082	113,526
New York.....	233,791	213,634	191,786	147,200	144,002	151,922	155,466
New Jersey.....	54,180	49,206	48,791	39,235	37,955	40,619	43,417
Pennsylvania.....	168,492	150,738	131,578	107,358	102,844	115,434	124,622
Middle Atlantic.....	456,463	413,578	372,155	293,793	284,801	307,975	323,505
Ohio.....	272,738	224,261	239,059	167,463	160,916	162,263	166,985
Indiana.....	269,913	224,169	236,266	176,468	168,391	169,400	173,698
Illinois.....	614,059	481,797	418,970	269,947	248,260	230,713	217,508
Michigan.....	221,432	183,172	174,308	144,988	144,940	155,705	163,424
Wisconsin.....	505,472	413,082	356,936	262,072	244,152	243,546	254,477
East North Central.....	1,883,614	1,526,481	1,425,539	1,020,938	966,659	961,627	976,092
Minnesota.....	476,210	396,946	375,990	304,641	273,364	257,698	244,465
Iowa.....	1,196,197	787,159	705,589	525,939	465,567	424,761	381,863
Missouri.....	442,820	286,460	229,377	197,929	193,533	198,389	188,921
North Dakota.....	239,772	197,177	141,230	91,461	80,778	76,146	70,261
South Dakota.....	293,080	216,592	127,706	98,788	87,222	80,625	70,632
Nebraska.....	510,453	431,686	309,826	204,174	175,923	160,983	141,935
Kansas.....	411,747	357,123	284,248	171,535	151,216	148,150	143,120
West North Central.....	3,570,279	2,673,143	2,173,966	1,594,067	1,427,603	1,346,752	1,251,197
Delaware.....	9,581	8,668	7,957	6,498	6,174	7,287	8,898
Maryland <sup>2</sup> .....	50,377	43,790	46,675	40,627	39,975	43,883	48,781
Virginia.....	91,000	75,093	72,299	61,765	64,685	72,256	78,125
West Virginia.....	26,177	23,671	21,969	18,658	17,870	20,229	21,601
North Carolina.....	111,880	93,905	90,071	73,917	76,810	87,336	95,041
South Carolina.....	64,433	47,149	45,948	37,590	37,868	40,542	45,112
Georgia.....	113,060	82,867	82,037	66,344	69,538	78,919	87,569
Florida.....	52,840	40,578	38,101	30,313	31,363	40,615	48,356
South Atlantic.....	519,348	415,721	405,057	335,712	344,283	391,567	433,481
Kentucky.....	116,250	105,226	109,253	81,579	79,125	82,650	86,569
Tennessee.....	115,280	93,055	92,614	65,433	65,830	70,121	76,965
Alabama.....	97,890	81,421	81,859	66,564	66,306	70,255	74,634
Mississippi.....	103,312	85,073	100,368	83,744	88,716	99,342	103,987
East South Central.....	432,732	364,775	384,094	297,320	299,977	322,368	342,155
Arkansas.....	99,085	69,317	72,513	63,695	66,536	72,477	78,897
Louisiana.....	63,838	57,951	55,098	48,070	51,693	55,826	59,796
Oklahoma.....	274,971	183,421	153,679	116,780	107,829	111,400	112,963
Texas.....	671,434	565,968	431,746	323,358	303,034	317,188	334,879
West South Central.....	1,109,328	876,657	713,036	551,903	529,092	556,891	586,535
Montana.....	129,744	100,331	66,118	41,684	39,904	40,912	42,143
Idaho.....	115,547	89,404	78,763	58,494	54,768	56,522	61,914
Wyoming.....	43,337	36,709	34,009	24,951	24,025	25,414	28,463
Colorado.....	138,248	103,479	75,005	58,064	59,444	66,738	75,187
New Mexico.....	38,954	27,492	27,499	24,924	27,039	32,499	41,863
Arizona.....	41,690	30,797	28,933	22,334	22,541	27,117	30,699
Utah.....	51,875	43,757	36,650	25,720	25,692	27,805	32,130
Nevada.....	15,617	15,131	10,213	6,120	6,477	7,523	9,605
Mountain.....	575,012	447,100	357,190	262,291	259,790	284,530	322,004
Washington.....	161,557	125,405	106,857	73,995	73,527	74,093	79,222
Oregon.....	135,917	104,860	90,421	69,218	68,779	78,862	85,574
California.....	614,810	460,735	407,585	318,845	317,962	342,608	368,453
Pacific.....	912,284	691,000	604,863	462,058	460,268	495,563	533,240
United States.....	9,630,768	7,584,459	6,586,399	4,932,942	4,681,720	4,777,355	4,881,744

<sup>1</sup> Revised.<sup>2</sup> Includes District of Columbia.Bureau of Agricultural Economics. Data for 1930-39 in *Agricultural Statistics, 1944*, table 576; and for 1940-44 in *Agricultural Statistics, 1947*, table 673.

TABLE 713.—*Mortgaged farms: Number, acreage, value, and mortgage debt, by tenure under which the land is operated and by States, Jan. 1, 1945*

State and division	Mortgaged owner-operated farms <sup>1</sup>				Mortgaged rented and manager-operated farms <sup>2</sup>			
	Number (?)	Acreage	Value	Mortgage debt	Number (?)	Acreage	Value	Mortgage debt
		<i>Acres</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Maine.....	10,405	1,268,000	48,517	16,128	265	54,400	2,378	585
New Hampshire.....	5,809	584,400	24,576	9,095	249	65,100	3,073	611
Vermont.....	9,259	1,538,600	50,944	20,722	338	103,900	3,441	1,253
Massachusetts.....	16,573	847,900	103,410	33,578	555	86,000	14,221	3,200
Rhode Island.....	1,195	61,600	9,798	2,877	105	15,300	2,345	706
Connecticut.....	8,104	502,800	78,444	23,077	417	80,100	17,013	3,028
New England.....	51,345	4,803,300	315,680	105,477	1,929	404,800	42,471	9,383
New York.....	52,338	5,868,300	354,647	128,358	3,490	897,000	64,087	18,842
New Jersey.....	10,002	604,800	102,616	33,899	783	139,400	20,762	5,336
Pennsylvania.....	42,286	3,705,900	244,969	93,938	3,828	585,600	44,290	13,420
Middle Atlantic.....	104,626	10,179,000	702,232	256,195	8,101	1,622,000	129,139	37,598
Ohio.....	50,817	4,220,300	365,836	124,425	10,124	1,771,800	163,023	43,038
Indiana.....	54,473	5,171,200	455,264	123,175	11,317	2,614,100	238,984	53,293
Illinois.....	34,625	4,400,000	535,660	145,501	15,833	4,401,400	601,186	124,446
Michigan.....	58,998	5,480,700	353,711	119,615	6,393	1,502,100	93,283	25,373
Wisconsin.....	71,454	8,788,500	540,935	225,644	9,673	1,895,800	124,328	36,428
East North Central.....	270,367	28,060,700	2,251,406	738,360	53,340	12,185,200	1,220,804	282,578
Minnesota.....	67,905	10,629,300	613,349	233,355	15,350	4,497,500	251,007	71,286
Iowa.....	63,123	9,479,500	1,000,896	361,846	23,744	5,674,500	583,962	164,093
Missouri.....	67,006	9,281,500	409,302	152,600	14,460	3,152,500	153,559	44,839
North Dakota.....	23,620	9,935,700	195,728	69,053	4,028	4,112,400	65,140	22,408
South Dakota.....	20,568	8,261,400	174,870	63,323	6,531	6,041,300	100,467	35,465
Nebraska.....	26,652	11,354,200	357,517	122,066	14,461	7,664,500	232,094	82,078
Kansas.....	35,256	9,578,700	367,606	110,469	11,346	6,637,100	247,233	61,066
West North Central.....	304,160	68,520,300	3,119,268	1,112,832	89,920	37,779,800	1,663,462	481,235
Delaware.....	2,341	212,100	15,289	5,400	365	70,100	4,992	1,098
Maryland.....	11,251	1,092,500	92,890	31,892	2,633	471,300	35,798	8,735
Virginia.....	24,280	2,738,400	172,412	51,080	5,792	863,100	47,702	10,685
West Virginia.....	10,690	1,223,500	50,319	1,721	1,721	232,300	9,405	2,314
North Carolina.....	28,905	2,536,600	138,053	49,894	19,436	1,418,400	85,189	24,023
South Carolina.....	16,936	1,995,600	77,753	25,862	15,956	1,052,500	41,006	11,728
Georgia.....	29,651	4,654,600	130,584	45,465	27,710	2,850,800	73,143	20,699
Florida.....	9,119	1,615,700	72,412	22,735	2,751	1,180,100	41,411	7,578
South Atlantic.....	133,173	16,069,000	749,712	248,852	76,364	8,168,600	338,646	86,860
Kentucky.....	32,769	3,291,500	194,733	60,450	11,944	1,194,600	81,578	21,129
Tennessee.....	27,941	2,685,800	142,568	45,541	15,001	1,347,000	67,659	19,892
Alabama.....	29,047	3,454,800	108,248	40,870	31,372	2,665,400	80,043	25,694
Mississippi.....	26,399	3,417,200	124,223	43,882	48,085	2,549,400	126,146	39,862
East South Central.....	116,156	12,849,300	569,772	190,743	106,402	7,756,400	355,426	106,577
Arkansas.....	23,707	2,989,100	115,775	36,370	23,802	2,047,000	108,431	27,325
Louisiana.....	13,091	1,623,100	80,012	26,198	15,781	1,419,900	73,397	21,872
Oklahoma.....	35,800	7,722,500	242,695	76,724	14,587	5,164,400	141,041	40,056
Texas.....	67,833	27,246,900	774,653	210,183	33,613	22,353,200	523,960	113,175
West South Central.....	140,431	39,581,600	1,213,135	349,475	87,783	30,984,500	846,829	202,428
Montana.....	9,497	10,751,400	116,725	33,347	1,047	5,025,700	35,934	8,337
Idaho.....	14,709	3,782,000	162,438	46,093	2,415	1,362,300	84,152	12,401
Wyoming.....	5,090	7,891,700	72,798	19,437	755	4,063,700	24,951	5,514
Colorado.....	13,356	8,480,100	139,812	43,606	3,001	4,002,900	57,601	14,458
New Mexico.....	4,380	5,660,500	60,470	15,976	911	7,093,500	42,206	8,948
Arizona.....	3,250	919,300	51,993	13,646	481	2,176,800	26,731	8,688
Utah.....	8,183	2,384,200	79,418	22,531	451	852,800	13,457	3,189
Nevada.....	860	745,000	15,803	4,443	74	595,400	4,805	1,677
Mountain.....	59,325	40,614,200	699,457	199,079	9,135	25,773,100	259,837	63,212
Washington.....	21,119	3,082,900	202,648	59,788	1,815	1,526,000	58,707	14,207
Oregon.....	19,220	6,331,600	208,520	69,458	1,589	2,086,100	45,594	9,760
California.....	49,549	8,445,200	982,965	239,453	5,816	5,344,800	348,212	79,392
Pacific.....	89,888	17,659,700	1,394,133	358,699	9,220	8,956,900	452,313	103,359
United States.....	1,269,471	238,337,100	11,014,804	3,559,712	442,194	133,631,300	5,338,927	1,373,230

<sup>1</sup> Farms of full owners and the portion of the farms of part owners owned by them.<sup>2</sup> Not comparable with acreage, value, and mortgage debt, because entire farm operated by part-owner is included with the number of mortgaged owner-operated farms and the rented portion is not included with the number of mortgaged rented and manager-operated farms.<sup>3</sup> Land rented to all tenants (including sharecroppers), land rented to part-owner operators, and manager-operated farms.<sup>4</sup> Includes District of Columbia.

Bureau of Agricultural Economics. Compiled from a Bureau of Agricultural Economics and Bureau of the Census cooperative study.

TABLE 714.—Farm-mortgage debt: Amount held by selected lender groups, by States, Jan. 1, 1947 and 1948

State and division	Federal land banks and Federal Farm Mortgage Corporation <sup>1</sup>		Life insurance companies <sup>1</sup>		Farmers Home Administration <sup>2</sup>		All others <sup>3</sup>	
	1947	1948	1947	1948	1947 <sup>4</sup>	1948	1947 <sup>4</sup>	1948 <sup>4</sup>
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Maine.....	4,379	3,857	0	9	461	657	12,841	14,209
New Hampshire.....	1,809	1,722	0	0	106	134	7,907	8,730
Vermont.....	5,114	5,185	5	121	439	582	20,210	21,118
Massachusetts.....	8,071	7,458	258	501	295	433	21,737	22,885
Rhode Island.....	1,270	1,122	1	0	4	14	2,269	2,431
Connecticut.....	6,460	5,937	87	164	142	241	16,217	16,016
New England.....	27,103	25,281	351	795	1,447	2,061	81,181	85,389
New York.....	32,443	30,627	750	2,595	2,410	2,972	116,319	119,272
New Jersey.....	10,747	9,955	1,567	4,108	899	1,317	27,406	28,037
Pennsylvania.....	13,791	12,915	2,569	3,364	3,129	3,613	95,945	104,730
Middle Atlantic.....	50,981	53,497	4,886	10,067	6,438	7,902	239,670	252,039
Ohio.....	21,088	18,247	19,317	18,808	3,860	3,970	117,989	125,960
Indiana.....	27,731	23,341	44,789	46,102	3,761	3,685	93,119	100,470
Illinois.....	65,948	56,499	84,565	83,520	4,442	3,794	75,758	73,795
Michigan.....	26,045	23,705	2,306	3,023	3,127	3,170	124,227	133,526
Wisconsin.....	45,399	39,483	8,348	10,948	4,004	4,106	185,795	199,940
East North Central.....	186,211	161,275	159,325	162,401	19,203	18,725	596,888	633,691
Minnesota.....	68,654	58,369	73,982	68,596	6,806	6,246	108,256	111,254
Iowa.....	105,019	88,035	* 197,729	174,810	4,724	3,580	117,289	115,438
Missouri.....	27,175	24,134	62,751	60,505	7,350	7,614	101,113	106,668
North Dakota.....	29,371	21,474	12,276	11,385	2,428	2,687	32,071	34,715
South Dakota.....	35,585	30,438	* 37,628	32,875	2,598	2,603	4,814	4,716
Nebraska.....	65,666	53,065	50,754	47,335	3,427	3,520	41,136	38,015
Kansas.....	41,911	34,433	33,825	34,637	4,193	4,591	68,221	69,459
West North Central.....	373,381	309,948	* 468,945	430,143	31,526	30,841	472,900	480,265
Delaware.....	573	556	31	52	280	322	6,403	7,968
Maryland <sup>5</sup> .....	4,924	4,487	1,483	2,188	1,291	1,365	36,185	40,741
Virginia.....	11,736	10,170	6,691	6,858	2,852	2,730	50,077	58,365
West Virginia.....	4,783	4,287	393	397	1,610	1,579	13,443	15,338
North Carolina.....	14,931	14,801	5,366	5,538	7,245	7,006	60,294	67,696
South Carolina.....	11,897	10,957	1,058	1,007	7,047	6,715	20,540	26,433
Georgia.....	18,867	18,017	5,830	7,383	11,871	12,083	42,351	50,086
Florida.....	8,672	9,820	2,799	5,588	1,420	1,864	27,724	31,084
South Atlantic.....	76,383	73,095	23,651	29,011	33,616	33,664	257,917	297,711
Kentucky.....	13,162	11,427	15,395	15,688	4,068	3,601	50,025	55,853
Tennessee.....	12,800	11,016	7,389	8,770	5,721	5,500	44,511	51,679
Alabama.....	18,860	18,419	1,600	1,705	9,882	9,554	39,913	44,956
Mississippi.....	20,705	20,373	20,996	21,735	14,841	16,119	42,800	45,760
East South Central.....	65,227	61,235	45,380	47,898	34,512	34,774	177,249	198,248
Arkansas.....	12,268	11,784	17,044	21,053	10,294	11,147	32,871	34,913
Louisiana.....	13,736	13,186	7,245	7,463	7,143	7,208	27,702	31,939
Oklahoma.....	22,586	20,506	17,405	20,328	9,778	10,144	61,631	61,988
Texas.....	120,184	105,299	* 79,337	101,582	21,198	22,746	96,469	105,252
West South Central.....	168,774	150,775	* 121,031	150,423	48,413	51,245	218,673	234,092
Montana.....	14,196	13,025	2,445	3,454	2,924	2,931	21,347	22,733
Idaho.....	15,286	14,478	5,658	8,591	1,274	1,646	34,304	37,199
Wyoming.....	9,107	8,620	2,438	4,639	914	1,075	12,955	14,129
Colorado.....	18,088	16,598	7,532	11,310	2,067	2,133	39,051	45,146
New Mexico.....	6,633	6,323	* 7,810	14,962	1,112	1,301	16,944	19,277
Arizona.....	6,489	6,389	4,260	5,614	287	323	16,081	18,373
Utah.....	8,275	7,863	117	1,102	902	1,501	18,511	21,664
Nevada.....	1,739	1,725	388	1,003	102	173	5,294	6,704
Mountain.....	79,813	75,021	* 30,648	50,675	9,582	11,083	164,487	185,225
Washington.....	14,730	13,921	7,993	9,021	1,267	1,316	50,103	54,964
Oregon.....	15,016	14,279	6,248	8,932	1,523	1,653	56,075	60,710
California.....	59,780	57,672	21,703	37,364	1,773	1,805	259,382	271,612
Pacific.....	80,496	85,872	35,944	55,317	4,563	4,774	365,560	387,286
United States.....	1,123,369	995,999	890,161	936,730	189,300	195,069	2,574,525	2,783,946

See footnotes at bottom of page 634.



TABLE 715.—Farm mortgages recorded: Loans made by agencies under supervision of the Farm Credit Administration and estimated amount recorded by other lender groups, United States, 1910-47<sup>1</sup>

Year	Loans made <sup>2</sup>			Mortgages recorded by other lenders <sup>3</sup>				Total
	Federal land banks	Land Bank Commissioner <sup>4</sup>	Joint-stock land banks <sup>5</sup>	Individuals	Commercial banks <sup>6</sup>	Insurance companies	Miscellaneous	
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	
1910.....				790,678	207,734	105,359	146,114	1,249,885
1911.....				818,430	234,544	121,335	152,465	1,326,774
1912.....				819,134	252,073	143,758	158,372	1,373,337
1913.....				871,544	252,445	110,527	166,587	1,401,103
1914.....				841,953	270,357	120,441	164,746	1,397,497
1915.....				815,559	313,707	184,284	174,196	1,487,746
1916.....				941,789	454,716	235,051	205,717	1,837,273
1917.....	39,112		1,360	1,083,502	404,213	259,695	217,739	2,005,621
1918.....	118,130		6,140	1,145,196	316,764	161,520	203,492	1,951,242
1919.....	144,987		40,490	1,691,852	540,463	214,159	299,354	2,940,305
1920.....	66,985		23,854	2,144,379	663,202	386,788	345,102	3,630,310
1921.....	91,030		9,335	1,206,117	654,521	292,792	324,861	2,578,656
1922.....	224,301		138,685	943,653	578,067	340,932	280,348	2,905,986
1923.....	190,271		189,748	858,678	546,458	451,579	257,000	2,493,734
1924.....	162,475		74,587	769,905	475,654	346,110	244,239	2,072,970
1925.....	124,809		131,431	870,364	475,991	347,625	229,964	2,180,184
1926.....	128,978		123,026	803,914	433,362	335,128	208,653	2,033,061
1927.....	138,424		83,719	713,948	397,286	250,529	191,673	1,775,579
1928.....	100,615		40,572	714,074	398,167	223,185	188,189	1,664,802
1929.....	63,004		18,186	650,062	343,532	203,346	184,562	1,462,692
1930.....	47,146		5,236	618,526	355,232	173,665	164,820	1,364,625
1931.....	41,814		5,407	538,734	327,594	127,509	158,889	1,199,938
1932.....	27,516		2,181	413,957	263,336	74,760	121,561	905,341
1933.....	18,585		70,739	284,536	167,196	46,002	102,193	822,976
1934.....	730,134	553,048	(7)	<sup>a</sup> 249,068	<sup>a</sup> 130,583	<sup>a</sup> 53,422	<sup>a</sup> 104,119	<sup>a</sup> 1,820,374
1935.....	247,610	195,869	(7)	<sup>a</sup> 277,769	<sup>a</sup> 176,496	<sup>a</sup> 78,033	<sup>a</sup> 85,916	<sup>a</sup> 1,061,693
1936.....	108,602	76,887	(7)	<sup>a</sup> 255,317	<sup>a</sup> 186,109	<sup>a</sup> 115,115	<sup>a</sup> 60,364	<sup>a</sup> 802,394
1937.....	62,831	39,707	(7)	<sup>a</sup> 262,909	<sup>a</sup> 212,801	<sup>a</sup> 128,205	<sup>a</sup> 51,275	<sup>a</sup> 757,728
1938.....	51,237	29,152	(7)	<sup>a</sup> 234,111	<sup>a</sup> 209,925	<sup>a</sup> 137,416	<sup>a</sup> 61,348	<sup>a</sup> 723,189
1939.....	51,461	27,230	(7)	<sup>a</sup> 226,695	<sup>a</sup> 217,821	<sup>a</sup> 138,048	<sup>a</sup> 67,753	<sup>a</sup> 729,008
1940.....	63,926	36,301	(7)	<sup>a</sup> 225,546	<sup>a</sup> 219,835	<sup>a</sup> 145,562	<sup>a</sup> 81,202	<sup>a</sup> 772,462
1941.....	64,726	37,308	(7)	<sup>a</sup> 247,645	<sup>a</sup> 221,310	<sup>a</sup> 160,469	<sup>a</sup> 102,537	<sup>a</sup> 835,996
1942.....	53,599	28,242	(7)	<sup>a</sup> 248,709	<sup>a</sup> 191,023	<sup>a</sup> 154,566	<sup>a</sup> 86,674	<sup>a</sup> 762,813
1943.....	<sup>a</sup> 61,232	<sup>a</sup> 30,077	(7)	<sup>a</sup> 350,447	<sup>a</sup> 235,074	<sup>a</sup> 167,060	<sup>a</sup> 73,913	<sup>a</sup> 915,803
1944.....	69,418	34,469	(7)	<sup>a</sup> 386,146	<sup>a</sup> 255,343	<sup>a</sup> 160,758	<sup>a</sup> 64,840	<sup>a</sup> 970,974
1945.....	91,889	28,692	(7)	<sup>a</sup> 417,278	<sup>a</sup> 312,780	<sup>a</sup> 145,121	<sup>a</sup> 58,670	<sup>a</sup> 1,054,430
1946.....	128,572	14,611	(7)	<sup>a</sup> 528,051	<sup>a</sup> 521,872	<sup>a</sup> 199,979	<sup>a</sup> 93,123	<sup>a</sup> 1,486,208
1947.....	137,282	10,345	(7)	<sup>a</sup> 485,720	<sup>a</sup> 487,092	<sup>a</sup> 230,882	<sup>a</sup> 88,819	<sup>a</sup> 1,440,140

<sup>1</sup> Continental United States only.<sup>2</sup> Figures are those reported by Farm Credit Administration. In case of joint-stock land banks, however, figures for 1917-20 are estimates of Bureau of Agricultural Economics, based on data from about 20 percent of the counties in the United States.<sup>3</sup> Loans by the Land Bank Commissioner are made on behalf of the Federal Farm Mortgage Corporation. The authority to make Land Bank Commissioner loans expired July 1, 1947, except for the limited purpose of refinancing loans previously made.<sup>4</sup> Includes joint-stock land banks in receivership.<sup>5</sup> Figures for 1910-33 are estimates of the Bureau of Agricultural Economics, based on data from about 20 percent of the counties in the United States. Figures for 1936-47 are estimates of the Farm Credit Administration, based on reports from counties including 30-48 percent of the farms in the United States. Estimates for 1934-35 were developed jointly by the Bureau of Agricultural Economics and the Farm Credit Administration from data obtained from county records to which reference has been made.<sup>6</sup> Includes national, State, and mutual savings banks.<sup>7</sup> Joint stock land banks were placed in receivership May 12, 1933. Any loans made thereafter incidental to liquidation are included with those recorded by miscellaneous lenders.<sup>a</sup> Revised.

Bureau of Agricultural Economics and Farm Credit Administration.

## FOOTNOTES FOR TABLE 714:

<sup>1</sup> Includes regular mortgages, purchase-money mortgages, and sales contracts.<sup>2</sup> Loans held by Federal Farm Mortgage Corporation were made on its behalf by Land Bank Commissioner.<sup>3</sup> Formerly Farm Security Administration. Includes tenant-purchase, farm-enlargement, farm-development, and project-liquidation loans. Also includes loans made for these purposes from State Corporation trust funds, but excludes loans insured by Farmers Home Administration.<sup>4</sup> Revised.<sup>5</sup> Includes loans held by joint-stock land banks, commercial banks, individuals, and miscellaneous lenders. See table 719, for State data on loans held by insured commercial banks (classified by location of bank rather than by location of security).<sup>6</sup> Includes District of Columbia.

Bureau of Agricultural Economics.

TABLE 716.—*Farm mortgages recorded: Loans made by the Federal land banks and Land Bank Commissioner and estimated amount recorded by other lender groups, by geographic divisions, 1947*<sup>1</sup>

Geographic division	Loans made		Mortgages recorded by other lenders				Total
	Federal land banks	Land Bank Commissioner <sup>2</sup>	Individuals	Commercial banks	Insurance companies	Miscellaneous	
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
New England.....	3,261	318	9,594	26,122	131	1,343	40,769
Middle Atlantic.....	6,573	808	33,444	36,132	3,550	5,830	86,337
East North Central.....	19,934	976	83,019	133,173	41,364	15,640	294,106
West North Central.....	39,518	2,242	96,685	76,599	87,049	15,448	317,541
South Atlantic.....	11,686	1,282	58,261	58,117	8,586	16,390	154,322
East South Central.....	10,198	787	32,521	43,374	9,750	5,211	101,841
West South Central.....	17,688	1,412	59,548	33,775	46,802	13,421	172,646
Mountain.....	12,991	1,082	43,719	29,608	20,722	8,418	116,540
Pacific.....	15,433	1,438	68,929	50,192	12,928	7,118	156,038
United States.....	137,282	10,345	485,720	487,092	230,882	88,819	1,440,140

<sup>1</sup> Excluding Puerto Rico.

<sup>2</sup> Loans by the Land Bank Commissioner are made on behalf of the Federal Farm Mortgage Corporation. The authority to make Land Bank Commissioner loans expired July 1, 1947, except for the limited purpose of refinancing loans previously made.

Farm Credit Administration.

TABLE 717.—Agricultural loans not secured by farm real estate: Amount outstanding and made, by selected lender groups, United States, 1929-48<sup>1</sup>

OUTSTANDING JANUARY 1

[illegible]

MADE DURING YEAR

1929	(1)	100,501	43,588	14,920	5,760	(1)	0	(1)
1930	(1)	100,990	43,997	15,365	5,740	(1)	2,446	(1)
1931	(1)	118,381	105,927	133,305	5,730	(1)	27,579	(1)
1932	(1)	148,624	88,997	126,723	64,205	(1)	3,420	(1)
1933	(1)	140,526	88,997	34,488	57,370	(1)	4,503	(1)
1934	(1)	223,680	27,744	40,587	70,471	(1)	5,017	(1)
1935	(1)	106,815	47,337	9,555	96,382	(1)	3,765	(1)
1936	(1)	194,089	56,296	7,402	16,135	(1)	3,396	(1)
1937	(1)	220,915	3,759	20,449	31,815	(1)	3,994	(1)
1938	(1)	284,886	5,129	97,143	19,196	(1)	31,381	(1)
1939	(1)	301,022	2,603	97,143	14,567	(1)	435	(1)
1940	(1)	319,401	4,585	82,704	18,963	(1)	3,607	(1)
1941	(1)	347,145	4,804	3,994	18,411	(1)	5,993	(1)
1942	(1)	414,815	5,651	3,994	18,411	(1)	3,994	(1)
1943	(1)	474,049	7,759	5,017	17,232	(1)	3,994	(1)
1944	(1)	497,178	9,790	5,017	17,232	(1)	3,994	(1)
1945	(1)	558,750	3,922	3,994	17,087	(1)	3,994	(1)
1946	(1)	594,426	3,922	3,994	17,087	(1)	3,994	(1)
1947	(1)	604,452	1,579	975	15,642	(1)	3,994	(1)
	(1)	747,967	14,128	1,400	15,642	(1)	3,994	(1)
	(1)	107,546	524,204	76,702	215,497	(1)	3,994	(1)
	(1)	107,546	524,204	76,702	215,497	(1)	3,994	(1)
	(1)	107,546	524,204	76,702	215,497	(1)	3,994	(1)
	(1)	107,546	524,204	76,702	215,497	(1)	3,994	(1)
	(1)	107,546	524,204	76,702	215,497	(1)	3,994	(1)
	(1)	107,546	524,204	76,702	215,497	(1)	3,994	(1)
	(1)	107,546	524,204	76,702	215,497	(1)	3,994	(1)
	(1)	107,546	524,204	76,702	215,497	(1)	3,994	(1)
	(1)	107,546	524,204	76,702	215,497	(1)	3,994	(1)
	(1)	107,546	524,204	76,702	215,497	(1)	3,994	(1)
	(1)	107,546	524,204	76,702	215,497	(1)	3,994	(1)
	(1)	107,546	524,204	76,702	215,497	(1)	3,994	(1)
	(1)	107,546	524,204	76,702	215,497	(1)	3,994	(1)
	(1)	107,546	524,204	76,702	215,497	(1)	3,994	(1)
	(1)	107,546	524,204	76,702	215,497	(1)	3,994	(1)
	(1)	107,546	524,204	76,702	215,497	(1)	3,994	(1)
	(1)	107,546	524,204	76,702	215,497	(1)	3,994	(1)
	(1)	107,546	524,204	76,702	215,497	(1)	3,994	(1)
	(1)	107,546	524,204	76,702	215,497	(1)	3,994	(1)
	(1)	107,546	524,204	76,702	215,497	(1)	3,994	(1)
	(1)	107,546	524,204	76,702	215,497	(1)	3,994	(1)
	(1)	107,546	524,204	76,702	215,497	(1)	3,994	(1)
	(1)	107,546	524,204	76,702	215,497	(1)	3,994	(1)
	(1)	107,546	524,204	76,702	215,497	(1)	3,994	(1)
	(1)	107,546	524,204	76,702	215,497	(1)	3,994	(1)
	(1)	107,546	524,204	76,702	215,497	(1)	3,994	(1)
	(1)	107,546	524,204	76,702	215,497	(1)	3,994	(1)
	(1)	107,546	524,204	76,702	215,497	(1)	3,994	(1)
	(1)	107,546	524,204	76,702	215,497	(1)	3,994	(1)
	(1)	107,546	524,204	76,702	215,497	(1)	3,994	(1)
	(1)	107,546	524,204	76,702	215,497	(1)	3,994	(1)
	(1)	107,546	524,204	76,702	215,497	(1)	3,994	(1)
	(1)	107,546	524,204	76,702	215,497	(1)	3,994	(1)
	(1)	107,546	524,204	76,702	215,497	(1)	3,994	(1)
	(1)	107,546	524,204	76,702	215,497	(1)	3,994	(1)
	(1)	107,546	524,204	76,702	215,497	(1)	3,994	(1)
	(1)	107,546	524,204	76,702	215,497	(1)	3,994	(1)
	(1)	107,546	524,204	76,702	215,497	(1)	3,994	(1)
	(1)	107,546	524,204	76,702	215,497	(1)	3,994	(1)
	(1)	107,546	524,204	76,702	215,497	(1)	3,994	(1)
	(1)	107,546	524,204	76,702	215,497	(1)	3,994	(1)
	(1)	107,546	524,204	76,702	215,497	(1)	3,994	(1)
	(1)	107,546	524,204	76,702	215,497	(1)	3,994	(1)
	(1)	107,546	524,204	76,702	215,497	(1)	3,994	(1)
	(1)	107,546	524,204	76,702	215,497	(1)	3,994	(1)
	(1)	107,546	524,204	76,702	215,497	(1)	3,994	(1)
	(1)	107,546	524,204	76,702	215,497	(1)	3,994	(1)
	(1)	107,546	524,204	76,702	215,497	(1)	3,994	(1)
	(1)	107,546	524,204	76,702	215,497	(1)	3,994	(1)
	(1)	107,546	524,204	76,702	215,497	(1)	3,994	(1)
	(1)	107,546	524,204	76,702	215,497	(1)	3,994	(1)
	(1)	107,546	524,204	76,702	215,497	(1)	3,994	(1)
	(1)	107,546	524,204	76,702	215,497	(1)	3,994	(1)
	(1)	107,546	524,204	76,702	215,497	(1)	3,994	(1)
	(1)	107,546	524,204	76,702	215,497	(1)	3,994	(1)
	(1)	107,546	524,204	76,702	215,497	(1)	3,994	(1)
	(1)	107,546	524,204	76,702	215,497	(1)	3,994	(1)
	(1)	107,546	524,204	76,702	215,497	(1)	3,994	(1)
	(1)	107,546	524,204	76,702	215,497	(1)	3,994	(1)
	(1)	107,546	524,204	76,702	215,497	(1)	3,994	(1)
	(1)	107,546	524,204	76,702	215,497	(1)	3,994	(1)
	(1)	107,546	524,204	76,702	215,497	(1)	3,994	(1)
	(1)	107,546	524,204	76,702	215,497	(1)	3,994	(1)
	(1)	107,546	524,204	76,702	215,497	(1)	3,994	(1)
	(1)	107,546	524,204	76,702	215,497	(1)	3,994	(1)
	(1)	107,546	524,204	76,702	215,497	(1)	3,994	(1)
	(1)	107,546	524,204	76,702	215,497	(1)	3,994	(1)
	(1)	107,546	524,204	76,702	215,497	(1)	3,994	(1)
	(1)	107,546	524,204	76,702	215,497	(1)	3,994	(1)
	(1)	107,546	524,204	76,702	215,497	(1)	3,994	(1)
	(1)	107,546	524,204	76,702	215,497	(1)	3,994	(1)
	(1)	107,546	524,204	76,702	215,497	(1)	3,994	(1)
	(1)	107,546	524,204	76,702	215,497	(1)	3,994	(1)
	(1)	107,546	524,204	76,702	215,497	(1)		

1 Continental United States only.

2 Beginning 1935, includes loans to individuals covered by purchase agreements with Commodity Credit Corporation; beginning 1942 includes certificates of participation in pool of cotton growers' notes and some wartime loans to Commodity Credit Corporation in connection with its purchase programs. Such loans and certificates totaled \$60,294,000 on January 1, 1948.

3 Excludes loans to include railway, associations in liquidation. Loans of \$1,143 held by 3 associations in liquidation are excluded. Loans subject to repurchase agreement with Commodity Credit Corporation are excluded.

4 Excludes loans to and discounts for production credit associations, regional agricultural credit corporations, and banks for cooperatives, which are shown in table 727.

5 Includes loans secured by Commodity Credit Corporation documents, but excludes "advances under CCC programs."

6 Succeeded Farm Security Administration on November 1, 1946.

7 Program began November 1, 1946.

8 Includes loans outstanding include loans made from State rural rehabilitation corporation trust funds.

9 Includes water-facility loans, construction loans, wartime adjustment loans, and flood-and windstorm-restoration loans.

10 Includes drought-relief and orchard-rehabilitation loans. No loans made during 1947.

11 Loans made during 1947 were exclusively to water-facility cooperative associations.

12 Loans "outstanding" are cumulative net advances minus principal repayments; loans "made during year" are net advances, after deducting unused loan funds.

13 Approximately 77 percent of individuals served by these cooperatives are American.

14 Principally loans to public bodies and to power companies for rural electrification.

15 Includes loans made in the first instance by Commodity Credit Corporation and guaranteed loans purchased from banks and other lending agencies. This series is not comparable to table 718, which covers all loans made and guaranteed by Commodity Credit Corporation.

16 Data unavailable.

17 June 30.

18 Estimated for all open State and national banks as of June 30, 1931.

19 Revised.

20 Includes production and subsistence loans from State rural rehabilitation corporation trust funds.

21 Annual data unavailable; cumulative from inception of program.

22 Includes loans obligated prior to November 1, 1946 under Farm Security Administration, which were not reported as advanced until 1947.

Bureau of Agricultural Economics.

TABLE 718.—Agricultural loans not secured by farm real estate: Amounts outstanding Jan. 1, 1948, and loans made during 1947 by selected lender groups, by States 1

OUTSTANDING JAN. 1, 1948

State and division	Insured commercial banks 1	Agencies supervised by Farm Credit Administration					Farmers Home Administration 2				Rural Electrification Administration 4	Loans made or guaranteed by Commodity Credit Corporation 5	
		Production credit associations 11	Regional agricultural credit corporations 12	Federal intermediate banks, loans to and discounts for private financing institutions 13	Banks for cooperative 14	Agricultural Marketing Act revolving fund 15	Production and sub-sistence loans 16	Rural rehabilitation loans 17	Emergency and relocations 18	Loans to cooperatives and defense corporations 19			
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Maine.....	10,208	2,449	13	105	2,983	0	713	2,740	531	5	971	0	0
New Hampshire.....	2,304	528	4	0	1,094	0	198	514	22	0	2,002	0	0
New Jersey.....	2,358	2,358	2	0	0	0	231	1,141	33	0	0	3	0
New Mexico.....	3,668	1,555	2	349	18,069	8	137	464	32	0	2,064	0	0
Rhode Island.....	6,679	2,276	2	0	0	0	24	88	0	0	0	375	0
Connecticut.....	2,333	2,333	2	0	573	0	46	180	17	0	0	40	0
New England.....	28,864	10,106	25	702	22,695	0	1,339	5,037	666	11	4,977	0	3,863
New York.....	43,125	15,324	58	4,052	6,439	0	1,196	5,030	160	238	2,173	0	506
New Jersey.....	6,885	2,459	2	16	1,014	0	424	3,091	61	301	855	0	0
Pennsylvania.....	28,960	7,368	53	0	3,815	0	1,072	3,099	407	2	12,829	0	292
Middle Atlantic.....	78,640	25,089	113	4,067	11,268	0	2,692	10,298	628	541	15,557	0	828
Ohio.....	42,377	12,629	21	1,058	7,801	342	970	3,486	216	30	24,254	0	669
Indiana.....	42,933	13,868	16	510	6,632	109	939	2,583	225	4	23,364	0	449
Illinois.....	84,837	14,929	9	1,086	4,829	25	1,408	4,276	194	147	29,894	0	2,905
Michigan.....	35,471	4,243	30	18	4,919	102	2,069	5,001	419	13	15,673	0	405
Wisconsin.....	39,957	7,731	21	1,360	5,157	0	1,828	4,432	830	22	32,710	61	259
East North Central.....	245,555	53,400	97	3,922	29,338	578	7,154	19,778	1,884	216	125,895	61	4,687
Minnesota.....	60,438	7,964	70	1,413	15,964	141	1,749	7,315	4,189	88	43,357	0	1,167
Iowa.....	110,981	8,352	25	521	4,972	0	1,373	4,756	246	15	42,326	0	1,282
Missouri.....	78,836	9,404	40	489	7,698	0	2,151	6,331	1,488	448	44,222	77	221
North Dakota.....	16,878	2,009	68	207	132	0	748	3,960	30,564	305	16,144	478	3,933
South Dakota.....	33,163	3,736	36	375	166	0	1,298	7,863	15,884	42	11,135	0	4,033
Nebraska.....	81,293	6,184	36	366	690	0	1,267	5,557	3,547	138	2,438	0	2,819
Kansas.....	86,567	6,553	78	465	10,424	0	1,529	5,712	4,844	172	22,118	0	8,507
West North Central.....	470,976	44,032	361	3,896	49,006	141	10,115	41,404	60,762	1,208	181,760	39,388	21,963

# LOANS NOT SECURED BY FARM REAL ESTATE

639

Delaware.....	2,232	628	1	0	216	0	40	305	43	0	1,474	0	146	0
Maryland.....	7,537	3,513	34	0	3,457	0	427	1,455	287	7	4,221	0	538	0
District of Columbia.....	21,721	3,660	41	0	10,632	0	398	2,264	1,481	165	20,505	0	605	2,359
Virginia.....	4,827	1,290	3	0	1,055	0	264	1,840	483	0	23,971	185	1,410	102,506
North Carolina.....	9,262	5,271	13	0	2,505	0	1,840	3,750	1,044	288	14,624	243	875	0
South Carolina.....	5,746	2,961	15	0	1,336	0	885	6,237	1,944	0	26,903	44	18,008	1,045
Georgia.....	25,552	7,225	63	0	11,585	400	1,068	11,328	2,220	813	11,412	69	4,226	0
Florida.....	9,509	7,622	28	0	10,738	0	605	4,512	1,263	404	11,412	541	25,808	106,510
South Atlantic.....	86,723	32,210	198	534	39,384	400	5,537	31,084	8,666	2,160	103,962	0	2	48,608
Kentucky.....	32,187	6,617	10	47	931	0	1,498	2,281	573	0	24,045	0	760	19,234
Tennessee.....	22,927	9,934	20	292	3,468	400	932	1,698	713	32	20,989	978	6,170	0
Alabama.....	21,837	3,584	9	246	1,733	82	867	12,028	1,631	750	17,740	375	2,558	0
Mississippi.....	15,661	5,660	10	4,977	9,317	128	1,349	11,121	1,732	482	22,838	0	0	0
East South Central.....	97,587	20,567	49	5,562	14,949	610	4,646	27,036	4,649	1,274	84,722	1,353	9,490	67,842
Arkansas.....	21,419	3,398	47	429	16,407	0	1,631	9,056	3,074	1,039	20,679	0	2,381	0
Louisiana.....	65,291	6,343	12	413	8,825	0	808	9,948	1,771	435	13,327	0	231	0
Oklahoma.....	155,851	31,191	244	2,186	12,252	400	3,991	11,795	1,663	632	25,940	91	6,043	0
Texas.....	241,980	44,651	375	12,963	54,255	789	3,764	20,359	7,582	632	71,180	142	15,058	0
West South Central.....	22,560	6,377	11	376	3,129	0	1,232	4,066	7,453	663	10,672	0	1,258	0
Montana.....	10,383	7,413	9	182	3,129	0	1,209	2,718	3,393	248	4,769	0	4,451	0
Idaho.....	14,921	3,129	31	600	529	0	961	3,307	813	55	4,879	0	480	0
Wyoming.....	59,857	8,167	63	2,099	1,727	0	1,274	5,827	2,223	337	14,035	0	2,055	0
Colorado.....	15,881	2,975	70	540	569	0	691	3,130	1,785	264	5,472	184	1,900	0
New Mexico.....	23,369	2,714	1	1,026	263	0	1,776	776	357	187	2,825	0	567	0
Arizona.....	20,389	2,612	17	2,400	5,701	85	1,776	2,337	357	139	1,678	0	59	4
Utah.....	4,748	798	0	129	12,307	85	6,279	22,481	13,358	2,145	44,326	312	8,742	0
Nevada.....	179,938	34,185	202	7,852	12,307	85	6,279	22,481	13,358	2,145	44,326	312	8,742	0
Mountain.....	21,341	3,253	349	246	4,367	0	527	3,899	639	47	7,468	2,257	1,467	0
Washington.....	17,987	6,414	24	0	6,880	0	577	2,128	244	89	7,958	185	857	359
Oregon.....	140,081	15,170	65	2,292	28,836	0	1,160	5,014	339	128	1,572	434	31	0
California.....	179,469	24,837	438	2,538	40,083	0	2,264	11,041	1,212	264	16,998	2,876	2,355	359
Pacific.....	1,609,672	296,077	10,862	41,916	273,285	2,003	49,310	216,607	105,913	9,970	709,025	24,764	104,806	174,711
United States.....	0	0	0	0	0	0	0	102	112	0	0	0	0	0
Hawaii.....	0	0	0	0	0	0	0	27	60	0	403	0	0	0
Alaska.....	0	0	0	4,963	1,491	0	1,096	1,461	275	4	0	0	2,607	0
Puerto Rico.....	0	4,831	0	0	0	0	0	0	0	13	0	256	0	0
Virgin Islands.....	16	0	0	0	0	0	0	46	0	0	0	0	0	0

See footnotes at bottom of page 643.

TABLE 718.—Agricultural loans not secured by farm real estate: Amounts outstanding Jan. 1, 1948, and loans made during 1947 by selected lender groups, by States—Continued

MADE DURING 1947

State and division	Insured commercial banks *	Agencies supervised by Farm Credit Administration					Farmers Home Administration *				Rural Electrification Administration †		Loans made or guaranteed by Commodity Credit Corporation ‡		
		Production credit associations ††	Regional agricultural credit corporations ††	Federal intermediate banks, loans to and discounts for private financing institutions ††	Banks for cooperative farmers †	Agricultural Marketing Act revolving fund †	Production and subsistence loans †	Rural rehabilitation loans ††	Emergency crop and feed loans ††	Loans to cooperatives and defense relocation corporations ††	Loans to cooperatives †	Other loans †	Farmers	Cooperatives	
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	
MADE DURING 1947															
New England															
Maine.....	4,763	288	14,133	0	1,187	99	1,187	99	0	254	0	0	29,529	0	
New Hampshire.....	910	0	8	0	180	20	180	20	0	263	0	0	108	0	
Vermont.....	5,011	519	1,123	0	183	43	183	43	0	279	0	0	476	0	
Massachusetts.....	2,435	412	40,223	0	171	1	171	1	0	0	0	0	455	0	
Rhode Island.....	491	0	0	0	57	0	57	0	0	0	0	0	10	0	
Connecticut.....	3,939	0	2,339	0	24	0	24	0	0	0	0	0	342	0	
New York															
New York.....	17,999	1,191	57,866	0	1,877	164	1,877	164	0	796	0	0	30,520	0	
Middle Atlantic															
New Jersey.....	26,313	12,758	5,101	0	1,310	16	1,310	16	0	219	0	0	2,358	0	
Pennsylvania.....	4,731	51	649	0	499	62	499	62	0	52	0	0	29	0	
	11,737	0	4,112	0	1,186	116	1,186	116	0	1,709	0	0	777	0	
South Atlantic															
Florida.....	42,781	12,809	9,802	0	2,995	214	2,995	214	0	1,980	0	0	3,164	0	
Georgia.....	23,117	1,746	10,350	0	1,021	363	1,021	363	0	0	0	0	1,725	0	
Alabama.....	29,830	1,181	11,310	0	1,043	112	1,043	112	0	5,562	0	0	1,132	0	
Illinois.....	35,771	2,668	6,477	0	1,441	244	1,441	244	0	7,323	0	0	6,430	0	
Michigan.....	7,135	67	8,102	0	2,083	214	2,083	214	0	2,607	0	0	1,632	0	
Wisconsin.....	15,012	1,877	21,390	0	1,971	430	1,971	430	0	9,775	0	0	436	390	
East North Central															
Minnesota.....	110,865	7,539	57,629	0	7,550	1,363	7,550	1,363	0	29,592	0	0	11,355	390	
Iowa.....	19,690	2,707	54,727	0	2,058	1,002	2,058	1,002	0	13,309	0	0	3,189	0	
Missouri.....	24,517	1,473	13,887	0	1,488	0	1,488	0	0	9,631	0	0	18,360	0	
Illinois.....	25,766	1,646	16,536	0	2,556	739	2,556	739	0	11,633	0	0	1,039	0	
North Dakota.....	5,168	515	218	0	1,444	504	1,444	504	0	7,854	498	0	9,723	0	
South Dakota.....	10,109	1,122	297	0	1,625	831	1,625	831	0	5,730	0	0	5,819	0	
Nebraska.....	15,513	1,339	1,291	0	1,255	543	1,255	543	0	1,679	0	0	13,093	0	
Kansas.....	15,853	1,094	21,317	0	1,734	302	1,734	302	0	9,124	0	0	11,909	0	
West North Central															
Illinois.....	116,796	9,848	108,321	0	12,160	4,407	12,160	4,407	0	58,960	0	0	5,987	63,132	



Delaware.....	1,132	0	315	0	50	0	0	0	0	575	0	216	0
Maryland.....	6,331	0	10,720	0	475	0	0	0	0	1,423	0	759	0
District of Columbia.....	7,046	0	9,381	0	822	0	0	0	0	7,259	0	0	2,420
Virginia.....	1,752	5	35	0	295	0	0	0	0	102	0	0	0
West Virginia.....	20,419	303	3,025	0	6,033	0	0	0	0	8,399	0	1,432	95,613
North Carolina.....	13,422	39	350	0	4,418	0	0	0	0	4,108	32	1,007	0
South Carolina.....	11,363	15	27,030	0	3,570	400	0	0	0	9,133	0	22,812	1,074
Georgia.....	13,863	634	14,388	0	910	0	0	0	0	4,620	0	6,755	0
Florida.....	11,846	0	0	0	0	0	0	0	0	0	0	0	0
South Atlantic.....	77,451	1,001	66,944	400	10,571	2,325	0	0	0	35,682	32	34,002	99,707
Kentucky.....	11,458	69	1,067	0	1,030	205	0	0	0	9,190	0	605	37,512
Tennessee.....	8,586	1,171	10,772	200	1,449	430	0	0	0	6,332	425	1,021	15,476
Alabama.....	11,308	478	1,045	0	2,634	329	0	0	0	6,490	208	9,475	0
Mississippi.....	23,597	16,986	13,918	0	3,339	288	0	0	0	7,848	0	3,318	0
East South Central.....	54,949	18,704	26,802	200	9,082	1,232	0	0	0	20,890	633	14,419	52,988
Arkansas.....	16,137	1,667	17,831	0	3,162	810	0	0	0	6,905	0	3,558	0
Louisiana.....	14,463	1,837	14,350	0	2,631	49	0	0	0	3,868	0	567	0
Oklahoma.....	15,192	4,806	63,919	400	3,790	497	0	0	0	7,246	0	10,463	0
Texas.....	104,547	33,667	36,304	400	5,835	1,201	0	0	0	23,190	5	19,674	0
West South Central.....	150,339	41,967	132,404	800	15,438	2,537	0	0	0	41,207	5	34,262	0
Montana.....	21,292	872	335	0	1,829	110	0	0	0	6,036	0	1,825	0
Idaho.....	2,177	3,274	1,543	0	1,543	159	0	0	0	1,139	0	7,827	0
Wyoming.....	7,497	1,693	1,272	0	1,943	528	0	0	0	3,879	0	7,733	0
Colorado.....	23,256	4,433	1,775	0	1,943	528	0	0	0	3,879	43	3,769	0
New Mexico.....	7,662	1,645	0	0	836	387	0	0	0	2,146	0	2,341	0
Arizona.....	6,804	4,996	501	0	202	122	0	0	0	1,548	0	2,280	0
Nevada.....	8,291	5,864	6,465	0	667	299	0	0	0	442	0	1,163	0
Utah.....	2,664	372	0	0	175	43	0	0	0	0	8	21	0
Mountain.....	97,554	20,366	13,457	0	8,440	1,840	0	0	0	16,010	51	18,105	0
Washington.....	9,415	747	8,460	0	622	450	0	0	0	1,705	906	4,196	0
Oregon.....	18,928	225	5,955	0	1,305	506	0	0	0	1,814	115	2,447	712
California.....	50,880	7,247	36,804	0	1,305	506	0	0	0	319	0	7,703	0
Pacific.....	70,233	8,219	50,919	0	2,610	1,115	0	0	0	3,834	1,020	7,340	712
United States.....	747,967	121,674	524,204	1,400	76,702	15,497	0	0	0	217,921	7,428	222,062	153,707
Hawaii.....	0	0	0	0	96	0	0	0	0	0	0	0	0
Alaska.....	0	0	0	0	28	1	0	0	0	18	0	0	0
Puerto Rico.....	9,644	5,267	6,044	0	1,742	0	0	0	0	0	0	0	2,993
Virgin Islands.....	0	0	0	0	3	0	0	0	0	0	46	0	0

See footnotes at end of table.

TABLE 719.—Agricultural loans of insured commercial banks: Amounts outstanding on specified dates, by States, 1946-48<sup>1</sup>

State and division	Farm real estate loans					Personal and collateral loans <sup>2</sup>				
	1946		1947		1948	1946		1947		1948
	Jan. 1	July 1	Jan. 1	July 1	Jan. 1	Jan. 1	July 1	Jan. 1	July 1	Jan. 1
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Maine.....	1,575	2,141	2,736	2,942	3,249	9,528	3,970	20,816	5,082	10,208
New Hampshire.....	755	1,006	1,181	1,153	1,371	1,099	1,361	1,744	2,304	2,304
Vermont.....	7,470	8,679	9,645	9,837	10,372	5,942	7,149	7,726	8,793	9,281
Massachusetts.....	1,030	1,098	1,321	1,596	2,048	2,226	2,709	2,651	3,211	3,668
Rhode Island.....	475	610	669	756	879	534	492	663	520	579
Connecticut.....	1,256	1,432	1,683	1,776	2,014	1,772	2,331	2,042	2,699	2,824
New England.....	12,561	14,966	17,185	18,060	19,933	21,101	18,012	35,414	22,049	28,864
New York.....	14,590	18,088	23,904	27,075	27,746	23,791	32,955	33,998	41,839	43,125
New Jersey.....	3,830	4,467	5,323	5,026	5,667	3,374	5,277	4,939	6,788	6,585
Pennsylvania.....	21,503	26,277	30,912	35,013	38,931	14,686	17,319	21,374	23,881	28,930
Middle Atlantic.....	39,923	48,832	60,139	67,114	72,344	41,851	55,551	60,311	72,508	78,640
Ohio.....	43,032	50,553	55,008	60,935	65,900	22,049	28,853	31,258	38,097	42,377
Indiana.....	27,974	32,799	36,017	39,555	41,363	27,495	32,451	33,525	40,775	42,933
Illinois.....	21,682	26,043	26,117	28,610	29,463	54,417	56,951	66,346	68,812	84,837
Michigan.....	19,435	25,092	28,261	31,625	33,727	21,862	27,748	29,082	34,059	35,471
Wisconsin.....	26,728	31,392	34,118	38,641	40,821	24,484	28,754	30,627	36,432	39,937
East North Central.....	138,851	165,879	179,611	199,366	211,274	150,307	174,757	190,838	218,175	245,555
Minnesota.....	19,429	22,111	24,027	26,381	27,036	50,699	49,730	53,193	57,470	60,458
Iowa.....	39,420	44,569	41,828	44,141	42,157	88,100	86,718	102,511	92,852	110,981
Missouri.....	24,184	29,481	31,996	34,205	34,505	53,330	60,228	61,487	74,961	78,836
North Dakota.....	970	1,399	1,563	2,320	2,112	16,929	13,760	16,430	17,602	16,878
South Dakota.....	2,286	2,717	2,776	3,183	3,154	28,164	26,079	30,288	30,769	33,163
Nebraska.....	5,774	7,401	7,326	8,531	8,207	62,510	49,553	65,025	61,755	81,293
Kansas.....	9,613	12,347	12,909	14,373	14,296	49,506	59,820	62,524	77,654	89,367
West North Central.....	101,676	120,025	122,425	133,134	131,467	349,038	345,888	392,058	413,063	470,976
Delaware.....	2,873	3,254	3,882	4,631	4,944	1,228	1,220	1,409	1,995	2,232
Maryland.....	8,887	10,542	12,411	13,928	16,466	4,259	5,020	5,590	7,335	7,837
District of Columbia.....	33	51	55	70	105	0	2	3	9	21
Virginia.....	14,062	17,289	19,500	23,537	24,526	13,309	18,819	17,258	22,748	21,737
West Virginia.....	4,700	5,991	7,256	8,638	9,104	2,307	2,980	3,652	4,519	4,827
North Carolina.....	11,186	15,381	15,046	18,100	17,175	7,686	20,800	8,354	23,248	9,262
South Carolina.....	1,988	2,877	3,083	3,892	4,272	10,503	10,834	6,196	11,927	5,746
Georgia.....	8,752	12,872	14,918	16,114	15,932	30,093	30,088	21,675	30,949	25,552
Florida.....	3,278	4,486	5,555	5,442	6,346	5,988	5,788	7,596	8,438	9,500
South Atlantic.....	55,759	72,743	81,706	94,352	99,170	75,382	95,551	71,733	111,168	96,723
Kentucky.....	22,837	27,746	31,772	34,395	37,515	18,222	21,922	26,614	29,565	32,167
Tennessee.....	15,875	19,299	22,280	24,742	26,821	31,475	26,232	23,066	32,012	27,922
Alabama.....	5,779	7,630	9,401	11,286	11,593	30,051	27,157	19,001	31,625	21,837
Mississippi.....	6,863	9,534	10,945	12,794	11,669	34,826	20,434	16,917	21,393	15,061
East South Central.....	51,354	64,209	74,428	83,217	87,598	114,574	95,745	86,478	114,595	97,587
Arkansas.....	5,150	7,561	8,410	9,546	9,540	24,137	22,702	19,530	28,724	21,419
Louisiana.....	5,019	6,224	7,510	9,397	9,157	10,294	9,905	9,097	11,812	9,419
Oklahoma.....	6,464	7,780	8,561	9,252	9,382	47,137	50,315	40,891	54,974	55,291
Texas.....	17,087	20,903	24,428	26,634	26,623	207,755	191,288	147,777	164,605	155,851
West South Central.....	33,720	42,468	48,909	54,829	54,702	289,323	274,210	217,295	260,115	241,980
Montana.....	980	1,530	1,799	2,276	2,219	16,553	20,164	16,520	23,799	22,590
Idaho.....	1,648	2,252	2,693	3,357	3,385	16,849	16,796	17,556	18,929	19,383
Wyoming.....	1,152	1,846	1,908	2,396	2,269	12,922	15,946	12,423	17,250	14,921
Colorado.....	3,232	4,221	4,589	5,186	4,976	40,203	35,589	39,600	43,387	59,857
New Mexico.....	1,927	1,582	1,827	2,029	1,909	13,702	15,454	14,474	16,231	15,881
Arizona.....	1,336	1,897	2,143	2,063	3,005	15,753	13,357	16,746	14,428	22,369
Utah.....	3,926	5,211	5,806	6,998	7,018	18,181	22,200	17,654	18,258	20,189
Nevada.....	702	730	1,011	1,198	1,345	2,851	4,018	4,327	5,501	4,748
Mountain.....	13,993	19,279	21,836	25,533	26,124	137,074	143,524	139,300	157,783	170,938

See footnotes at end of table.

TABLE 719.—Agricultural loans of insured commercial banks: Amounts outstanding on specified dates, by States, 1946-48<sup>1</sup>—Continued

State and division	Farm real estate loans					Personal and collateral loans <sup>2</sup>				
	1946		1947		1948	1946		1947		1948
	Jan. 1	July 1	Jan. 1	July 1	Jan. 1	Jan. 1	July 1	Jan. 1	July 1	Jan. 1
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Washington.....	7,570	10,081	11,144	13,387	12,913	23,735	23,721	28,618	24,926	21,341
Oregon.....	2,508	4,085	5,622	7,040	7,100	14,737	15,670	15,364	19,346	17,987
California.....	49,383	55,227	60,224	66,114	70,851	<sup>3</sup> 93,150	<sup>3</sup> 119,132	<sup>3</sup> 117,290	134,976	140,081
Pacific.....	59,461	69,393	76,990	89,541	90,864	<sup>3</sup> 131,631	<sup>3</sup> 158,523	<sup>3</sup> 161,272	179,248	179,409
United States.....	507,298	617,794	<sup>3</sup> 683,229	765,146	793,476	<sup>3</sup> 1,310,281	<sup>3</sup> 1,361,761	<sup>3</sup> 1,354,690	<sup>3</sup> 1,548,704	1,609,672
Possessions <sup>4</sup> .....	44	54	55	63	63	16	14	12	11	16

<sup>1</sup> Loans classified by location of bank and not by location of security or borrower.<sup>2</sup> Includes loans to individuals covered by purchase agreements with Commodity Credit Corporation, certificates of participation in pool of cotton growers' notes, and some loans to Commodity Credit Corporation in connection with its purchase programs. Such loans and certificates totaled \$65,294,000 on Jan. 1, 1948.<sup>3</sup> Revised.<sup>4</sup> Alaska, Hawaii, and Virgin Islands.

Bureau of Agricultural Economics. Compiled from reports of the Federal Deposit Insurance Corporation.

## FOOTNOTES FOR TABLE 718:

<sup>1</sup> Commercial bank loans are classified by location of bank; those for federally sponsored agencies by location of security or borrower.<sup>2</sup> Includes loans to individuals covered by purchase agreements with Commodity Credit Corporation, certificates of participation in pool of cotton growers' notes, and some wartime loans to Commodity Credit Corporation in connection with its purchase programs. Such loans and certificates totaled \$65,294,000 on January 1, 1948. Data not available for loans made.<sup>3</sup> Loans made include renewals.<sup>4</sup> Loans of \$1,143 held by 3 associations in liquidation are excluded. Loans subject to repurchase agreement with Commodity Credit Corporation are excluded.<sup>5</sup> Data for loans made during year cannot be allocated by States.<sup>6</sup> Excludes loans to and discounts for production credit associations, regional agricultural credit corporations, and banks for cooperatives, which are shown in table 727. Loans made include \$12,600,000 and \$1,528,000 to cooperatives in New York and California, respectively. Loans outstanding include \$4,000,000 to cooperatives in New York.<sup>7</sup> Includes loans secured by Commodity Credit Corporation documents, but excludes "advances under CCC programs".<sup>8</sup> Succeeded Farm Security Administration on November 1, 1946.<sup>9</sup> Program began November 1, 1946.<sup>10</sup> Loans outstanding include loans made from State rural rehabilitation corporation trust funds and loans made by Resettlement Administration.<sup>11</sup> Includes water-facility loans, construction loans, wartime adjustment loans, and flood and windstorm restoration loans; also includes production and subsistence loans from State rural rehabilitation corporation trust funds.<sup>12</sup> Loans outstanding include drought-relief and orchard-rehabilitation loans. No loans made during 1947.<sup>13</sup> Loans made during 1947 were exclusively to water-facility cooperative associations.<sup>14</sup> Loans "outstanding" are cumulative net advances minus principal repayments; loans "made during year" are net advances, after deducting unused loan funds.<sup>15</sup> Approximately 77 percent of individuals served by these cooperatives are farmers.<sup>16</sup> Principally loans to public bodies and to power companies for rural electrification.<sup>17</sup> Includes loans made directly by Commodity Credit Corporation and guaranteed loans made by other lending agencies. Guaranteed loans held by insured commercial banks are included even though they also are included under banks. As far as possible, loans have been distributed according to location of producer receiving loan. Loans to cooperative associations have been distributed according to location of association.<sup>18</sup> Includes \$4,000 which cannot be allocated by States.<sup>19</sup> Includes \$3,391,000 which cannot be allocated by States.<sup>20</sup> Includes \$5,787,000 which cannot be allocated by States.

Bureau of Agricultural Economics.

TABLE 720.—Farm Credit Administration: Loans and discounts made, 1929-47<sup>1</sup>

Year	Farm-mortgage loans <sup>2</sup>			Loans to cooperatives			
	Federal land banks	Land Bank Commissioner <sup>3</sup>	Total	Federal intermediate credit banks (direct) <sup>4</sup>	Banks for cooperatives, including Central Bank <sup>5</sup>	Agricultural Marketing Act revolving fund <sup>6</sup>	Total
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1929	64,252		64,252	43,588		14,823	58,411
1930	47,971		47,971	109,927		193,395	303,322
1931	42,015		42,015	145,127		126,773	271,900
1932	27,570		27,570	89,245		34,489	123,734
1933	151,634	70,812	222,446	27,910	27,144	40,687	95,741
1934	730,367	553,136	1,283,503	57,369	40,371	9,555	107,295
1935	248,671	196,396	445,067	44,509	66,348	7,402	118,259
1936	109,170	77,258	186,428	3,755	81,294	20,450	105,499
1937	63,092	40,020	103,112	5,129	97,585	5,935	108,649
1938	51,419	29,395	80,814	2,668	94,946	7,910	105,524
1939	51,582	27,417	78,999	4,155	83,360	1,214	88,729
1940	64,275	36,664	100,939	4,593	101,231	3,094	108,918
1941	65,068	37,533	102,601	5,651	181,570	3,990	191,211
1942	53,974	28,534	82,508	9,397	252,380	5,017	266,794
1943	61,900	30,497	92,397	5,000	398,581	1,417	404,998
1944	70,275	35,017	105,292	3,402	363,637	809	367,848
1945	92,986	29,462	122,448	4,032	333,702	660	338,394
1946	130,162	15,035	145,197	11,579	399,769	975	412,323
1947	138,764	10,606	149,370	14,128	530,248	1,400	545,776

Year	Other loans and discounts					Net total
	Federal intermediate credit banks loans to and discounts for— <sup>4</sup>		Production credit associations <sup>7</sup>	Regional agricultural credit corporations <sup>8</sup>	Total	
	RAC C's PCA's and BC's <sup>6</sup>	Other financing institutions				
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1929		94,668			94,668	217,331
1930		109,047			109,047	460,340
1931		122,867			122,867	436,782
1932		151,578			151,578	327,479
1933	109,746	141,017	27	223,116	473,906	682,347
1934	223,596	124,949	107,216	140,589	596,350	1,703,552
1935	252,738	116,909	196,306	90,655	656,608	967,196
1936	271,700	106,206	228,090	34,667	640,663	660,890
1937	342,978	101,458	286,520	18,603	749,559	618,342
1938	370,888	90,466	302,154	5,718	769,226	584,676
1939	381,222	86,558	320,483	4,664	792,927	579,433
1940	419,072	88,593	349,383	4,805	861,853	652,638
1941	539,297	102,261	418,195	6,759	1,066,512	821,027
1942	696,522	110,078	477,715	7,759	1,292,074	944,854
1943	827,473	94,962	501,212	73,254	1,496,901	1,166,823
1944	792,462	81,744	490,477	15,665	1,380,348	1,061,026
1945	759,936	74,491	516,116	9,646	1,360,189	1,061,095
1946	922,816	88,092	614,613	1,470	1,626,991	1,261,695
1947	1,126,164	112,832	757,611	77	1,996,684	1,565,666

<sup>1</sup> Includes Puerto Rico.<sup>2</sup> Excludes purchase money mortgages and sales contracts.<sup>3</sup> Land Bank Commissioner loans are made on behalf of the Federal Farm Mortgage Corporation. The authority to make Land Bank Commissioner loans expired July 1, 1947, except for the limited purpose of refinancing loans previously made.<sup>4</sup> Includes renewals.<sup>5</sup> Does not include advances in connection with the Commodity Credit Corporation programs.<sup>6</sup> In order to eliminate interagency transactions, the amounts of these loans and discounts for regional agricultural credit corporations, production credit associations, and banks for cooperatives are excluded from the net total.<sup>7</sup> Excludes data for production credit associations in liquidation subsequent to the beginning of liquidation.

Farm Credit Administration.

TABLE 721.—Farm Credit Administration: Loans and discounts outstanding, Jan. 1, 1930-48<sup>1</sup>

Year	Farm-mortgage loans <sup>2</sup>			Loans to cooperatives			
	Federal land banks	Land Bank Commissioner <sup>3</sup>	Total	Federal intermediate credit banks (direct)	Banks for cooperatives, including Central Bank <sup>4</sup>	Agricultural Marketing Act revolving fund	Total
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1930.....	1,198,514	.....	1,198,514	26,073	.....	14,510	40,583
1931.....	1,189,604	.....	1,189,604	64,377	.....	136,698	201,075
1932.....	1,167,898	.....	1,167,898	45,177	.....	156,280	201,457
1933.....	1,128,564	.....	1,128,564	9,866	.....	158,885	168,751
1934.....	1,232,707	70,738	1,303,445	15,211	18,697	157,752	191,660
1935.....	1,915,792	616,825	2,532,617	33,969	27,850	54,863	116,682
1936.....	2,071,925	794,726	2,866,651	2,731	50,013	44,433	97,177
1937.....	2,064,158	836,779	2,900,937	1,641	69,647	53,754	125,042
1938.....	2,035,307	812,749	2,848,056	1,813	87,633	30,982	120,428
1939.....	1,982,224	752,851	2,735,075	920	87,496	23,723	112,139
1940.....	1,904,655	690,880	2,595,535	1,835	76,252	20,547	98,634
1941.....	1,851,218	648,296	2,499,514	1,490	74,741	16,461	92,692
1942.....	1,764,398	596,802	2,361,200	2,152	113,444	16,914	132,510
1943.....	1,602,846	512,198	2,115,044	2,000	144,643	12,551	159,194
1944.....	1,357,938	406,190	1,764,128	2,000	235,174	7,351	244,525
1945.....	1,136,928	329,700	1,466,628	700	212,835	3,067	216,602
1946.....	1,027,587	228,397	1,255,984	2,042	157,545	2,693	162,280
1947.....	944,421	140,127	1,084,548	4,151	181,550	2,232	187,933
1948.....	869,425	103,195	972,620	4,000	274,777	2,602	281,379

Year	Other loans and discounts					Net total	
	Federal intermediate credit banks loans to and discounts for—		Production credit associations <sup>5</sup>	Regional agricultural credit corporations	Total		
	RAC C's PCA's and BC's <sup>4</sup>	Other financing institutions					
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	
1930.....	.....	50,018	.....	.....	50,018	1,289,115	
1931.....	.....	65,633	.....	.....	65,633	1,456,312	
1932.....	.....	74,692	.....	.....	74,692	1,444,047	
1933.....	.....	82,518	.....	24,373	106,891	1,404,206	
1934.....	73,264	60,989	27	144,636	278,916	1,700,757	
1935.....	99,675	55,672	60,852	87,102	303,301	2,852,925	
1936.....	104,706	47,162	93,911	43,400	289,179	3,148,301	
1937.....	129,872	41,017	105,088	25,288	301,265	3,197,372	
1938.....	165,194	40,464	137,349	15,592	358,599	3,161,889	
1939.....	168,392	33,545	145,479	11,081	358,497	3,037,319	
1940.....	165,236	33,354	153,675	8,005	360,270	2,889,203	
1941.....	186,932	34,102	171,866	5,855	398,755	2,804,029	
1942.....	226,017	39,222	187,497	5,532	458,268	2,725,961	
1943.....	272,964	39,059	184,663	3,901	500,677	2,501,951	
1944.....	308,671	35,778	196,735	32,047	575,231	2,275,213	
1945.....	267,135	31,198	191,684	12,195	502,212	1,918,307	
1946.....	241,879	27,870	198,887	6,151	474,787	1,651,172	
1947.....	276,461	34,244	233,907	2,560	547,172	1,543,192	
1948.....	334,087	42,909	299,608	1,862	672,466	1,592,378	

<sup>1</sup> Includes Puerto Rico.<sup>2</sup> Excludes purchase money mortgages, sales contracts, loans in suspense, and loans in process of foreclosure.<sup>3</sup> Land Bank Commissioner loans are made on behalf of the Federal Farm Mortgage Corporation. The authority to make Land Bank Commissioner loans expired July 1, 1947, except for the limited purpose of refinancing loans previously made.<sup>4</sup> Does not include advances in connection with the Commodity Credit Corporation programs.<sup>5</sup> In order to eliminate interagency transactions, the amounts of these loans and discounts for regional agricultural credit corporations, production credit associations, and banks for cooperatives are excluded from the net total.<sup>6</sup> Excludes data for production credit associations in liquidation subsequent to the beginning of liquidation.

Farm Credit Administration.

TABLE 722.—Federal land banks: Number of national farm loan associations on Jan. 1, 1948; number and amount of Federal land bank and Land Bank Commissioner loans made during 1947, and number and amount of loans outstanding, Jan. 1, 1948<sup>1</sup>

State and division	National farm loan associations, Jan. 1, 1948	Loans made during 1947				Loans outstanding, Jan. 1, 1948			
		Federal land banks		Land Bank Commissioner <sup>2</sup>		Federal land banks		Land Bank Commissioner <sup>2</sup>	
		Number	1,000 dollars	Number	1,000 dollars	Number	1,000 dollars	Number	1,000 dollars
Maine.....	7	119	405	51	36	1,437	2,634	762	676
New Hampshire.....	1	77	279	36	23	609	1,398	302	257
Vermont.....	8	248	1,107	96	74	1,607	4,589	612	523
Massachusetts.....	9	191	799	84	97	2,450	5,924	977	1,176
Rhode Island.....	1	12	66	7	9	344	931	108	178
Connecticut.....	4	114	605	50	79	1,736	4,974	652	896
New England.....	30	761	3,261	324	318	8,183	20,450	3,413	3,706
New York.....	28	837	3,557	442	452	10,204	26,087	3,589	3,497
New Jersey.....	7	205	1,117	98	109	2,640	8,016	1,239	1,702
Pennsylvania.....	12	489	1,899	249	247	5,299	10,927	1,635	1,505
Middle Atlantic.....	47	1,531	6,573	789	808	18,143	45,030	6,463	6,704
Ohio.....	33	470	2,199	154	140	7,491	16,469	1,598	1,456
Indiana.....	38	603	2,699	180	186	10,262	20,692	2,039	1,683
Illinois.....	50	1,075	7,122	236	290	11,460	53,227	2,050	2,658
Michigan.....	47	907	3,257	162	172	10,005	20,093	3,307	2,812
Wisconsin.....	44	1,103	4,657	203	188	11,522	31,656	4,570	5,910
East North Central.....	212	4,158	19,934	935	976	50,740	142,137	13,564	14,519
Minnesota.....	62	1,396	7,091	290	295	16,235	50,562	4,655	5,250
Iowa.....	82	1,617	11,964	612	715	19,397	83,827	2,181	3,151
Missouri.....	30	993	3,464	175	223	8,361	20,422	3,322	3,000
North Dakota.....	32	1,152	5,557	338	316	5,276	14,061	2,824	3,539
South Dakota.....	33	1,303	7,294	448	432	13,106	47,961	2,432	3,538
Nebraska.....	62	1,303	7,294	448	432	13,106	47,961	2,432	3,538
Kansas.....	50	949	4,147	337	260	10,010	29,913	3,010	3,132
West North Central.....	351	7,410	39,517	2,200	2,241	81,017	273,052	20,291	23,824
Delaware.....	1	21	88	14	16	187	462	94	81
Maryland.....	5	109	509	56	59	1,232	3,760	505	585
Virginia.....	13	168	775	71	74	4,052	8,910	987	992
West Virginia.....	4	90	431	52	76	2,154	3,651	561	502
North Carolina.....	22	993	2,732	494	316	6,922	11,818	3,744	2,575
South Carolina.....	21	582	1,487	259	145	4,932	8,276	3,091	2,175
Georgia.....	29	1,123	3,185	516	327	8,662	13,718	5,445	3,520
Florida.....	12	375	2,480	233	270	2,628	7,586	1,881	1,829
South Atlantic.....	107	3,461	11,687	1,695	1,283	30,789	58,175	16,808	12,259
Kentucky.....	25	325	1,639	143	168	4,580	9,899	1,565	1,236
Tennessee.....	22	419	1,467	157	142	5,657	9,532	1,895	1,312
Alabama.....	32	1,459	3,542	500	247	11,140	15,880	4,154	1,831
Mississippi.....	32	1,538	3,551	452	230	9,739	17,266	3,765	1,844
East South Central.....	111	3,741	10,199	1,252	787	31,116	52,577	11,379	6,223
Arkansas.....	21	663	2,148	179	195	5,614	9,874	1,935	1,447
Louisiana.....	25	502	2,018	185	157	5,352	11,580	1,665	1,133
Oklahoma.....	31	1,095	3,540	475	306	7,932	17,704	3,739	2,510
Texas.....	143	2,177	9,883	970	754	36,498	94,274	9,178	8,469
West South Central.....	220	4,437	17,689	1,809	1,412	55,376	133,432	16,517	13,579
Montana.....	19	337	1,933	176	217	3,329	10,408	1,517	1,997
Idaho.....	17	581	2,838	231	220	4,398	11,789	1,577	1,767
Wyoming.....	23	209	1,628	93	125	2,105	7,608	727	842
Colorado.....	17	661	2,823	185	180	4,603	14,240	1,902	1,837
New Mexico.....	11	242	1,232	101	101	2,100	5,552	769	741
Arizona.....	3	140	1,047	71	98	1,189	5,784	369	524
Utah.....	9	251	1,245	133	121	2,353	6,445	820	865
Nevada.....	1	35	244	18	20	232	1,477	83	117
Mountain.....	100	2,356	12,990	1,008	1,082	20,369	63,303	7,764	8,690

See footnotes at end of table.



**TABLE 722.—Federal land banks: Number of national farm loan associations on Jan. 1, 1948; number and amount of Federal land bank and Land Bank Commissioner loans made during 1947, and number and amount of loans outstanding, Jan. 1, 1948**<sup>1</sup>—Continued

State and division	National farm loan associations, Jan. 1, 1948	Loans made during 1947				Loans outstanding, Jan. 1, 1948			
		Federal land banks		Land Bank Commissioner <sup>2</sup>		Federal land banks		Land Bank Commissioner <sup>2</sup>	
		Number	1,000 dollars	Number	1,000 dollars	Number	1,000 dollars	Number	1,000 dollars
Washington.....	21	439	2,222	207	208	4,300	11,714	1,319	1,464
Oregon.....	19	464	2,446	213	221	3,673	12,049	1,381	1,740
California.....	44	1,592	10,764	754	1,009	9,057	48,722	5,016	8,124
Pacific.....	84	2,495	15,432	1,174	1,438	17,030	72,485	7,716	11,328
United States.....	1,262	30,350	137,282	11,186	10,345	312,763	860,641	103,415	100,832
Puerto Rico.....		259	1,482	193	261	2,810	8,784	1,345	2,363
Total.....	1,262	30,609	138,764	11,379	10,606	315,573	869,425	104,760	103,195

<sup>1</sup> Excludes purchase money mortgages, sales contracts, loans in suspense, and loans in process of foreclosure.

<sup>2</sup> Land Bank Commissioner loans are made on behalf of the Federal Farm Mortgage Corporation. The authority to make Land Bank Commissioner loans expired on July 1, 1947, except for the limited purpose of refinancing loans previously made.

Farm Credit Administration.



TABLE 723.—Federal land banks: Amount of debt owed by farmers and secured by farm real estate, by States, Jan. 1, 1947 and 1948

State and division	Mortgages outstanding				Real estate sales contracts and notes receivable		Total debt	
	Mortgage loans		Purchase-money mortgages					
	1947	1948	1947	1948	1947	1948	1947	1948
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Maine.....	2,647	2,634	364	304	227	117	3,238	3,055
New Hampshire.....	1,361	1,398	44	35	12	7	1,417	1,440
Vermont.....	4,296	4,589	64	47	47	16	4,407	4,652
Massachusetts.....	6,022	5,924	190	158	61	69	6,273	6,151
Rhode Island.....	1,012	931	6	6	0	0	1,018	937
Connecticut.....	5,095	4,974	47	36	7	7	5,149	5,017
New England.....	20,433	20,450	715	586	354	216	21,502	21,252
New York.....	26,260	26,087	682	561	479	298	27,430	26,946
New Jersey.....	8,140	8,016	176	144	19	11	8,335	8,171
Pennsylvania.....	11,268	10,927	326	264	175	125	11,769	11,316
Middle Atlantic.....	45,677	45,030	11,184	960	673	434	47,534	46,433
Ohio.....	18,390	16,469	301	240	9	5	18,700	16,714
Indiana.....	23,793	20,692	1,175	842	11	7	24,979	21,541
Illinois.....	61,123	53,227	776	491	15	8	61,914	53,726
Michigan.....	21,219	20,063	64	49	807	599	22,090	20,741
Wisconsin.....	34,796	31,656	207	164	1,960	1,398	36,963	33,218
East North Central.....	159,321	142,137	2,523	1,786	2,802	2,017	164,646	145,940
Minnesota.....	57,813	50,562	256	180	2,689	1,912	60,758	52,654
Iowa.....	99,174	83,827	721	498	623	431	100,518	84,756
Missouri.....	22,115	20,422	821	627	4	4	22,940	21,053
North Dakota.....	18,670	14,061	255	188	4,154	2,724	23,079	16,973
South Dakota.....	29,560	26,306	279	194	2,314	1,450	32,153	27,950
Nebraska.....	57,368	47,961	560	357	1,541	861	59,469	49,179
Kansas.....	34,772	29,913	49	29	1,508	861	36,329	30,803
West North Central.....	319,472	273,052	2,941	2,073	12,833	8,243	335,246	283,368
Delaware.....	455	462	3	2	6	4	464	468
Maryland.....	4,015	3,760	66	55	21	16	4,102	3,831
Virginia.....	10,010	8,910	205	142	97	52	10,312	9,104
West Virginia.....	3,999	3,651	87	81	57	36	4,143	3,768
North Carolina.....	11,061	11,818	382	291	37	36	11,480	12,145
South Carolina.....	8,126	8,276	441	330	60	49	8,627	8,655
Georgia.....	12,887	13,718	776	573	29	20	13,692	14,311
Florida.....	6,024	7,580	276	233	19	13	6,319	7,826
South Atlantic.....	56,577	58,175	2,236	1,707	326	226	59,139	60,108
Kentucky.....	10,842	9,899	296	218	3	2	11,141	10,119
Tennessee.....	10,284	9,532	159	112	2	1	10,445	9,645
Alabama.....	15,445	15,880	837	637	2	2	16,284	16,519
Mississippi.....	16,583	17,266	1,617	1,178	5	4	18,205	18,448
East South Central.....	53,154	52,577	2,909	2,145	12	9	56,075	54,731
Arkansas.....	9,776	9,874	592	426	1	1	10,369	10,301
Louisiana.....	11,591	11,580	553	403	25	24	12,169	12,007
Oklahoma.....	18,657	17,704	67	45	234	143	18,958	17,892
Texas.....	105,214	94,274	2,893	2,217	3	1	108,110	96,492
West South Central.....	145,238	133,432	4,105	3,091	263	169	149,606	136,692
Montana.....	10,723	10,408	27	23	755	534	11,505	10,965
Idaho.....	11,726	11,789	94	69	1,056	746	12,876	12,604
Wyoming.....	7,752	7,608	23	15	121	91	7,896	7,714
Colorado.....	14,654	14,240	101	76	591	355	15,346	14,671
New Mexico.....	5,638	5,552	12	7	32	19	5,682	5,578
Arizona.....	5,720	5,784	92	63	16	12	5,828	5,859
Utah.....	6,520	6,445	376	269	241	226	7,137	6,940
Nevada.....	1,429	1,477	123	91	30	38	1,591	1,606
Mountain.....	64,162	63,308	848	613	2,851	2,021	67,861	65,937
Washington.....	11,890	11,714	33	28	918	654	12,841	12,396
Oregon.....	12,103	12,049	21	14	614	428	12,738	12,491
California.....	48,117	48,722	643	459	183	154	48,943	49,335
Pacific.....	72,110	72,485	697	501	1,715	1,236	74,522	74,222
United States.....	936,144	860,641	18,158	13,471	21,829	14,571	1,976,749	1,888,932

<sup>1</sup> Includes loans in process of foreclosure and loans in suspense, amounting to \$618,000 as of Jan. 1, 1947, and \$249,000 as of Jan. 1, 1948, which cannot be allocated by States.

Farm Credit Administration.

TABLE 724.—Federal Farm Mortgage Corporation: Amount of debt owed by farmers and secured by farm real estate, by States, Jan. 1, 1947 and 1948

State and division	Mortgages outstanding				Real estate sales contracts and notes receivable		Total debt	
	Mortgage loans <sup>1</sup>		Purchase-money mortgages					
	1947	1948	1947	1948	1947	1948	1947	1948
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Maine.....	960	676	113	93	63	32	1,136	801
New Hampshire.....	360	257	15	12	15	14	390	283
Vermont.....	689	523	8	8	6	6	703	531
Massachusetts.....	1,606	1,176	124	100	61	27	1,791	1,303
Rhode Island.....	244	178	7	7	—	—	251	185
Connecticut.....	1,278	896	27	23	—	—	1,305	919
New England.....	5,137	3,706	294	243	145	73	5,576	4,022
New York.....	4,752	3,497	145	116	91	56	4,988	3,669
New Jersey.....	2,286	1,702	109	72	6	6	2,401	1,780
Pennsylvania.....	1,880	1,505	88	64	42	26	2,010	1,595
Middle Atlantic.....	8,918	6,704	342	282	139	88	9,399	7,044
Ohio.....	2,274	1,456	92	70	4	1	2,370	1,527
Indiana.....	2,581	1,683	141	102	9	8	2,731	1,793
Illinois.....	3,871	2,658	115	97	—	—	3,986	2,755
Michigan.....	3,742	2,812	32	25	160	118	3,934	2,955
Wisconsin.....	7,902	5,910	33	22	463	318	8,398	6,250
East North Central.....	20,370	14,519	413	316	636	445	21,419	15,280
Minnesota.....	7,243	5,250	27	19	572	427	7,842	5,696
Iowa.....	4,281	3,151	34	25	112	75	4,427	3,251
Missouri.....	4,107	3,000	98	72	7	—	4,212	3,072
North Dakota.....	4,962	3,539	27	28	1,281	927	6,270	4,494
South Dakota.....	3,010	2,214	51	38	345	227	3,406	2,479
Nebraska.....	5,587	3,538	136	114	426	217	6,149	3,869
Kansas.....	4,703	3,132	2	1	845	485	5,550	3,618
West North Central.....	33,893	23,824	375	297	3,588	2,358	37,856	26,479
Delaware.....	96	81	8	6	4	1	108	88
Maryland.....	733	585	52	43	33	26	818	654
Virginia.....	1,322	992	64	56	27	14	1,413	1,062
West Virginia.....	615	502	18	12	4	3	637	517
North Carolina.....	3,343	2,575	83	65	12	9	3,438	2,649
South Carolina.....	3,087	2,175	132	94	40	28	3,259	2,297
Georgia.....	4,914	3,520	208	157	54	22	5,156	3,699
Florida.....	2,157	1,829	161	145	26	16	2,344	1,990
South Atlantic.....	16,267	12,259	726	578	180	119	17,173	12,956
Kentucky.....	1,917	1,236	91	68	1	—	2,009	1,304
Tennessee.....	1,979	1,312	66	55	—	—	2,045	1,367
Alabama.....	2,485	1,831	75	62	1	1	2,561	1,894
Mississippi.....	2,388	1,844	95	74	1	1	2,484	1,919
East South Central.....	8,769	6,223	327	259	3	2	9,099	6,484
Arkansas.....	1,847	1,447	42	32	—	—	1,889	1,479
Louisiana.....	1,530	1,153	27	22	—	—	1,557	1,175
Oklahoma.....	3,468	2,510	—	—	141	96	3,609	2,606
Texas.....	11,578	8,469	389	286	16	16	11,983	8,771
West South Central.....	18,423	13,579	458	340	157	112	19,038	14,031
Montana.....	2,589	1,997	—	—	91	57	2,680	2,054
Idaho.....	2,269	1,767	—	—	129	102	2,398	1,869
Wyoming.....	1,123	842	5	1	77	61	1,205	904
Colorado.....	2,600	1,837	4	3	123	80	2,727	1,920
New Mexico.....	944	741	—	—	2	1	946	742
Arizona.....	649	524	—	—	5	3	654	527
Utah.....	1,058	865	7	5	66	51	1,131	921
Nevada.....	141	117	1	1	5	1	147	119
Mountain.....	11,373	8,690	17	10	498	356	11,888	9,056
Washington.....	1,793	1,464	3	3	81	53	1,877	1,520
Oregon.....	2,194	1,740	—	—	72	42	2,266	1,782
California.....	10,439	8,124	125	58	191	133	10,755	8,315
Pacific.....	14,426	11,328	128	61	344	228	14,898	11,617
United States.....	137,576	100,832	3,080	2,356	5,600	3,781	146,620	107,066

<sup>1</sup> Represents loans made by the Land Bank Commissioner on behalf of the Federal Farm Mortgage Corporation. The authority to make Land Bank Commissioner loans expired on July 1, 1947, except for the limited purpose of refinancing loans previously made.

<sup>2</sup> Includes loans in process of foreclosure and loans in suspense, amounting to \$274,000 as of Jan. 1, 1947, and \$97,000 as of Jan. 1, 1948, which cannot be allocated by States.

Farm Credit Administration.

TABLE 725.—Federal land bank and Land Bank Commissioner loans: Number "delinquent and/or extended" as a percentage of number outstanding, by States, Jan. 1, 1945-48<sup>1</sup>

State and division	Federal land bank loans				Land Bank Commissioner loans <sup>2</sup>			
	1945	1946	1947	1948	1945	1946	1947	1948
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
Maine.....	10.9	13.0	14.8	8.9	13.9	15.7	16.4	11.9
New Hampshire.....	4.7	7.8	7.8	8.7	9.6	12.0	11.8	15.9
Vermont.....	7.1	7.3	8.0	9.6	9.2	9.0	9.6	14.4
Massachusetts.....	4.6	3.8	4.0	3.9	8.3	7.2	7.2	8.1
Rhode Island.....	5.4	5.1	3.4	5.5	10.6	8.2	10.3	15.0
Connecticut.....	4.0	4.5	5.0	6.2	6.6	7.5	9.9	11.5
New England.....	6.1	6.6	7.2	6.8	9.3	9.6	10.7	11.6
New York.....	5.5	6.0	5.5	6.2	7.7	7.9	8.2	9.5
New Jersey.....	4.6	5.2	5.9	6.4	6.5	7.4	10.1	10.3
Pennsylvania.....	9.6	7.5	4.6	4.2	7.5	6.9	4.9	5.1
Middle Atlantic.....	6.6	6.3	5.3	5.6	7.4	7.5	7.7	8.6
Ohio.....	3.3	2.8	2.7	2.7	4.4	4.7	4.3	6.9
Indiana.....	1.8	2.1	1.8	1.9	2.2	2.9	2.8	3.7
Illinois.....	2.3	3.8	1.7	1.9	3.2	9.2	4.1	4.9
Michigan.....	5.3	4.3	3.4	4.1	6.6	7.2	6.1	7.8
Wisconsin.....	5.9	4.4	3.2	4.1	10.4	9.2	6.4	8.2
East North Central.....	3.8	3.5	2.5	2.9	5.9	7.0	5.1	6.8
Minnesota.....	6.3	3.3	2.4	2.7	9.8	6.6	4.7	5.2
Iowa.....	3.8	3.2	2.0	1.8	6.1	10.1	5.6	5.0
Missouri.....	4.1	4.1	2.3	2.3	3.4	5.5	3.3	3.9
North Dakota.....	11.4	6.4	3.4	3.5	18.7	10.0	5.1	4.4
South Dakota.....	8.4	3.1	2.0	1.6	12.5	7.4	4.9	4.0
Nebraska.....	14.2	6.9	3.1	1.8	20.2	15.2	7.7	4.3
Kansas.....	5.4	3.8	2.9	2.3	7.8	7.4	6.9	6.3
West North Central.....	7.4	4.2	2.5	2.2	10.7	8.5	5.4	4.8
Delaware.....	2.8	2.0	0.5	0.5	3.6	2.8	0.9	1.1
Maryland.....	5.3	5.7	2.6	2.6	5.8	8.6	4.0	4.6
Virginia.....	8.2	7.1	5.7	5.6	7.3	7.2	6.0	6.4
West Virginia.....	5.0	5.9	4.7	4.6	6.1	6.6	7.1	6.4
North Carolina.....	11.8	11.4	13.4	12.5	10.9	13.4	15.5	16.7
South Carolina.....	14.9	16.9	14.5	15.6	15.6	16.2	17.9	22.4
Georgia.....	12.0	11.8	12.2	12.8	10.8	12.5	14.9	17.9
Florida.....	5.7	4.7	5.1	5.9	5.4	6.2	6.7	8.3
South Atlantic.....	10.2	10.3	10.2	10.6	10.5	12.6	13.4	15.8
Kentucky.....	4.5	5.0	4.3	3.7	5.2	6.0	5.2	5.6
Tennessee.....	4.6	6.2	5.0	4.8	4.7	6.8	6.5	6.4
Alabama.....	10.0	9.9	2.7	8.9	10.2	9.9	13.3	10.9
Mississippi.....	11.6	12.8	5.2	11.1	11.1	14.0	21.3	16.4
East South Central.....	8.3	9.1	4.1	8.1	8.2	9.8	13.2	11.2
Arkansas.....	4.5	6.3	4.1	3.4	4.2	8.5	5.3	5.5
Louisiana.....	12.7	14.2	14.1	12.6	12.8	16.6	19.0	15.0
Oklahoma.....	6.4	5.6	4.6	3.6	8.2	7.9	6.8	7.1
Texas.....	2.5	3.3	0.2	0.2	4.6	7.3	4.0	2.1
West South Central.....	4.2	4.9	2.5	2.2	5.9	8.4	6.3	5.0
Montana.....	9.6	8.7	6.6	5.8	8.7	10.5	10.4	8.1
Idaho.....	5.9	6.9	6.0	4.9	7.9	9.9	9.6	7.4
Wyoming.....	10.1	7.7	5.2	4.4	13.5	12.5	9.8	8.0
Colorado.....	11.2	8.4	6.2	4.6	12.3	10.9	8.8	6.8
New Mexico.....	7.3	6.3	6.2	6.9	8.0	10.8	8.7	11.3
Arizona.....	8.0	7.4	7.1	6.1	7.6	10.0	7.9	7.9
Utah.....	7.1	8.3	6.5	6.5	9.9	11.3	9.6	9.4
Nevada.....	9.4	6.3	4.0	3.4	8.8	7.8	6.7	6.0
Mountain.....	8.6	7.7	6.2	5.4	10.0	10.8	9.4	8.0
Washington.....	5.8	5.9	5.8	6.4	6.2	7.3	8.0	9.3
Oregon.....	4.4	4.2	4.0	3.9	5.7	6.5	5.4	5.9
California.....	3.2	3.2	2.6	3.2	4.5	4.7	4.3	5.6
Pacific.....	4.2	4.1	3.7	4.2	5.0	5.4	5.1	6.3
United States.....	6.3	5.6	3.9	4.4	8.3	8.9	8.2	8.3

<sup>1</sup> Continental United States only. Includes extensions and deferments authorized by amendments to Federal Farm Loan Act. Excludes purchase-money mortgages, sales contracts, loans in suspense, and loans in process of foreclosure.

<sup>2</sup> Land Bank Commissioner loans are made on behalf of the Federal Farm Mortgage Corporation. Farm Credit Administration.

# PRODUCTION CREDIT ASSOCIATIONS

651

TABLE 726.—*Production credit associations: Number of associations, Jan. 1, 1948; loans made during 1947, and loans outstanding on specified dates, 1946-48, by States*

State and division	Production credit associations, Jan. 1, 1948 <sup>1</sup>	Loans made <sup>2</sup>		Loans outstanding				
		1947		1946		1947		1948
		Jan. 1- June 30	July 1- Dec. 31	Jan. 1 <sup>3</sup>	July 1 <sup>3</sup>	Jan. 1 <sup>3</sup>	July 1 <sup>3</sup>	Jan. 1
	Number	1,000 dollars	1,000- dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Maine.....	7	2,513	2,249	1,079	2,434	1,467	2,438	2,449
New Hampshire.....	1	517	393	333	451	412	542	528
Vermont.....	3	2,374	2,637	1,872	2,148	2,286	2,664	2,964
Massachusetts.....	4	1,573	1,313	959	1,544	1,286	1,850	1,555
Rhode Island.....	1	264	226	238	282	214	297	276
Connecticut.....	1	2,067	1,872	1,587	1,712	1,657	2,123	2,333
New England.....	17	9,308	8,690	6,068	8,571	7,322	9,914	10,105
New York.....	13	14,573	11,740	9,327	13,927	11,944	16,097	15,324
New Jersey.....	4	2,851	1,880	1,336	2,384	1,729	3,094	2,459
Pennsylvania.....	11	6,840	4,896	4,351	5,758	5,600	7,344	7,306
Middle Atlantic.....	28	24,264	18,516	15,014	22,069	19,273	26,535	25,089
Ohio.....	11	12,028	11,089	7,430	9,655	9,271	11,848	12,629
Indiana.....	10	15,572	14,258	8,959	11,175	10,218	13,397	13,868
Illinois.....	19	18,070	17,702	10,888	12,157	11,936	13,651	14,929
Michigan.....	11	3,777	3,358	2,499	3,177	2,824	4,009	4,243
Wisconsin.....	17	7,644	7,368	5,500	6,436	5,810	7,439	7,731
East North Central.....	68	57,091	53,775	35,276	42,600	40,059	50,344	53,400
Minnesota.....	21	9,697	10,193	6,482	6,799	6,482	7,491	7,965
Iowa.....	16	11,366	13,152	6,663	5,819	7,361	6,643	8,382
Missouri.....	13	12,788	12,978	7,205	9,188	8,081	10,309	9,404
North Dakota.....	5	2,795	2,373	1,479	2,296	1,719	2,918	2,009
South Dakota.....	9	4,769	5,340	3,299	3,358	3,249	3,597	3,736
Nebraska.....	14	6,943	8,570	4,844	4,796	4,411	4,678	6,184
Kansas.....	14	6,925	8,908	3,383	4,185	4,493	5,510	6,353
West North Central.....	92	55,283	61,514	33,355	36,441	35,796	41,146	44,033
Delaware.....	1	665	467	364	538	452	704	625
Maryland.....	6	3,197	3,334	1,759	3,113	2,868	3,735	3,513
Virginia.....	13	3,941	3,105	2,376	3,953	2,775	4,708	3,695
West Virginia.....	4	788	964	829	1,090	968	1,269	1,290
North Carolina.....	27	14,913	5,505	3,193	14,041	4,093	16,553	5,279
South Carolina.....	22	7,981	2,441	1,847	7,198	1,968	8,500	2,961
Georgia.....	31	13,209	5,094	4,361	11,967	5,715	15,183	7,225
Florida.....	10	4,604	7,241	4,489	3,477	6,220	5,437	7,622
South Atlantic.....	114	49,298	28,151	19,218	45,377	25,059	56,089	32,210
Kentucky.....	11	5,821	5,637	4,502	5,174	5,232	6,269	6,617
Tennessee.....	9	4,553	4,033	3,248	4,396	3,421	5,398	4,809
Alabama.....	8	7,243	4,065	3,026	7,371	3,219	7,418	3,581
Mississippi.....	10	16,152	7,446	5,143	14,343	7,264	17,304	5,560
East South Central.....	38	33,769	21,181	15,919	31,284	19,136	36,389	20,567
Arkansas.....	14	10,881	5,257	2,879	8,342	2,965	11,115	3,398
Louisiana.....	8	9,131	5,332	2,787	8,825	3,609	10,224	3,719
Oklahoma.....	14	6,463	8,729	3,588	5,669	4,627	6,179	6,343
Texas.....	36	52,547	52,000	22,667	32,967	28,812	41,025	31,191
West South Central.....	72	79,022	71,318	31,921	55,803	40,013	68,543	44,651
Montana.....	5	9,319	11,882	8,026	8,465	4,250	8,530	6,377
Idaho.....	11	8,470	11,708	3,987	6,360	4,382	7,665	7,413
Wyoming.....	1	3,198	4,299	1,894	3,321	2,436	4,009	3,129
Colorado.....	8	10,487	12,768	4,865	7,107	6,370	8,232	8,167
New Mexico.....	5	3,364	4,299	1,807	2,642	2,068	3,134	2,975
Arizona.....	2	2,943	3,861	2,008	1,570	2,565	1,915	2,714
Utah.....	2	3,347	4,944	2,015	2,404	2,057	3,194	2,612
Nevada.....	1	1,109	1,556	626	900	570	801	798
Mountain.....	35	42,237	55,317	22,228	32,769	24,698	37,480	34,185
Washington.....	6	4,554	4,861	2,286	3,864	2,727	4,252	3,253
Oregon.....	8	8,919	10,009	3,975	7,030	4,870	8,110	6,414
California.....	25	23,090	27,791	9,524	14,574	11,069	18,478	15,170
Pacific.....	39	36,572	42,661	15,785	25,468	18,666	30,840	24,837
United States.....	503	386,844	361,123	194,784	300,382	230,022	357,280	289,077
Puerto Rico.....	1	5,607	4,037	4,103	3,788	3,885	4,725	4,531

<sup>1</sup> Excludes data for associations in liquidation; there are 3 such associations, in the State of Washington.

<sup>2</sup> Includes renewals.

<sup>3</sup> Excludes data for associations in liquidation; there were outstanding \$3,000 in loans in the State of Washington.

Farm Credit Administration.

TABLE 727.—Federal intermediate credit banks: Loans and discounts made, 1939-47, and outstanding Jan. 1, 1939-48, by type of borrowing institution<sup>1</sup>

## MADE DURING YEAR

Year	Production credit associations	Banks for cooperatives	Direct loans to cooperative associations	Others <sup>2</sup>	Total
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1939	329,962	38,429	2,668	88,698	459,757
1939	350,101	28,880	4,156	85,382	468,519
1940	384,017	31,061	4,593	87,314	506,985
1941	465,347	68,608	5,651	100,697	640,303
1942	532,338	159,055	9,397	106,881	807,671
1943	599,807	222,782	5,000	91,700	919,379
1944	644,022	142,628	3,402	79,266	869,318
1945	656,560	93,481	4,032	73,039	829,112
1946	796,614	118,946	11,579	84,892	1,012,031
1947	981,939	134,555	14,128	107,545	1,238,167

## OUTSTANDING JAN. 1

Year	Production credit associations	Banks for cooperatives	Direct loans to cooperative associations	Others <sup>2</sup>	Total
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1939	141,965	25,045	920	32,611	200,541
1940	146,323	17,560	1,835	32,316	198,034
1941	169,565	15,554	1,490	33,116	219,725
1942	191,718	31,582	2,152	37,959	263,361
1943	194,564	76,160	2,000	38,182	310,906
1944	202,848	103,685	2,000	34,137	342,670
1945	198,754	65,003	700	29,966	294,423
1946	197,333	40,518	2,042	26,487	266,380
1947	231,285	41,538	4,151	31,701	308,675
1948	285,349	44,534	4,000	37,915	371,798

<sup>1</sup> Excluding all Puerto Rican loans made and outstanding.<sup>2</sup> Privately capitalized financing institutions.

Farm Credit Administration.

TABLE 728.—Loans to farmers' cooperative organizations: Amounts held by agencies supervised by the Farm Credit Administration, classified by type of loan, Jan. 1, 1939-48<sup>1</sup>

Year	Federal intermediate credit banks	Banks for cooperatives				Agricultural Marketing Act revolving fund	
	Commodity loans	Secured by CCC documents <sup>2</sup>	Commodity loans	Operating capital loans	Facility loans	Operating capital loans	Facility loans
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1939	920		26,871	36,132	24,910	17,781	5,942
1940	1,835		20,598	32,288	22,967	15,523	5,024
1941	1,490		17,716	35,322	21,367	12,167	4,294
1942	2,152		37,036	51,979	23,677	12,801	4,113
1943	2,000		67,048	54,450	22,855	11,700	851
1944	2,000	88,637	55,467	70,132	20,832	7,065	286
1945	700	91,040	35,631	64,438	21,364	2,863	204
1946	2,042	28,500	37,096	67,545	23,959	2,488	204
1947	4,151	5,389	39,690	98,147	34,735	2,028	204
1948	4,000	7,947	48,158	150,235	66,946	2,398	204

<sup>1</sup> Excludes Puerto Rico.<sup>2</sup> Commodity Credit Corporation.

Farm Credit Administration.

TABLE 729.—*Regional Agricultural Credit Corporation of Washington, D. C.: Loans and advances outstanding Jan. 1, 1947 and 1948, by States*

State and division	Loans and advances outstanding			
	Jan. 1, 1947		Jan. 1, 1948	
	Number	1,000 dollars	Number	1,000 dollars
Maine.....	47	26	26	13
New Hampshire.....	14	13	8	4
Vermont.....	8	3	6	2
Massachusetts.....	8	3	5	2
Rhode Island.....	3	2	3	2
Connecticut.....	5	2	3	2
New England.....	85	49	51	25
New York.....	147	101	102	58
New Jersey.....	10	7	5	2
Pennsylvania.....	160	73	120	53
Middle Atlantic.....	317	181	227	113
Ohio.....	37	23	31	20
Indiana.....	60	23	48	16
Illinois.....	29	9	29	9
Michigan.....	160	37	130	31
Wisconsin.....	102	27	77	21
East North Central.....	388	119	315	97
Minnesota.....	343	113	285	70
Iowa.....	89	34	75	25
Missouri.....	191	52	166	40
North Dakota.....	343	93	254	68
South Dakota.....	183	49	144	36
Nebraska.....	199	85	114	44
Kansas.....	211	114	169	78
West North Central.....	1,519	540	1,207	361
Delaware.....	5	2	5	1
Maryland.....	55	37	52	34
Virginia.....	105	50	89	41
West Virginia.....	18	7	14	3
North Carolina.....	51	17	47	15
South Carolina.....	36	21	26	13
Georgia.....	123	79	101	63
Florida.....	43	35	37	28
South Atlantic.....	436	248	371	198
Kentucky.....	57	12	38	10
Tennessee.....	105	23	82	20
Alabama.....	46	17	31	9
Mississippi.....	56	15	49	10
East South Central.....	264	67	200	49
Arkansas.....	226	61	193	47
Louisiana.....	88	20	64	12
Oklahoma.....	1,040	313	933	244
Texas.....	230	119	192	72
West South Central.....	1,584	513	1,382	375
Montana.....	21	14	19	11
Idaho.....	26	13	21	9
Wyoming.....	40	43	29	31
Colorado.....	97	85	77	63
New Mexico.....	103	85	86	70
Arizona.....	2	1	2	1
Utah.....	20	24	15	17
Nevada.....	0	0	0	0
Mountain.....	309	265	249	202
Washington.....	141	360	132	349
Oregon.....	23	29	18	24
California.....	104	177	38	65
Pacific.....	268	566	188	438
United States.....	5,170	<sup>1</sup> 2,560	4,190	<sup>1</sup> 1,862

<sup>1</sup> Includes \$12,000 which cannot be allocated by States.<sup>2</sup> Includes \$4,000 which cannot be allocated by States.

Farm Credit Administration.

**TABLE 730.—Real estate loans to individuals by Farmers Home Administration:**  
*Number of direct loans to new borrowers, amount of direct loans made and outstanding, 1938-48; number of insured loans to new borrowers, amount insured and outstanding, October 1947-March 1948, United States and Territories*<sup>1</sup>

Year	Direct loans <sup>2</sup>			Insured loans		
	New borrowers	Amount of loans <sup>3</sup>	Amount outstanding, Jan. 1 <sup>4</sup>	New borrowers	Amount of loans	Amount outstanding, Mar. 31
	Number	1,000 dollars	1,000 dollars	Number	1,000 dollars	1,000 dollars
1938.....	2,028	10,275	-----	-----	-----	-----
1939.....	4,622	26,576	10,275	-----	-----	-----
1940.....	7,023	39,713	32,301	-----	-----	-----
1941.....	11,692	60,667	66,286	-----	-----	-----
1942.....	7,680	35,695	116,610	-----	-----	-----
1943.....	5,291	33,575	160,258	-----	-----	-----
1944.....	<sup>5</sup> 7,617	<sup>6</sup> 37,718	<sup>7</sup> 174,946	-----	-----	-----
1945.....	2,650	17,059	<sup>8</sup> 198,815	-----	-----	-----
1946.....	6,735	47,149	185,060	-----	-----	-----
1947.....	3,538	27,760	192,620	231	1,652	-----
1948.....	-----	-----	198,279	-----	-----	<sup>7</sup> 1,644

<sup>1</sup> Data represent activity for Farmers Home Administration and its predecessor agency.

<sup>2</sup> Includes tenant-purchase, farm-enlargement, farm-development (special real estate), and project-liquidation loans. Loans from Corporation trust funds and farm development loans from "Loans, grants and rural rehabilitation" funds are included.

<sup>3</sup> Amount advanced for project liquidation loans and obligated for all other types of loans. Includes supplemental loans to borrowers who received an initial loan in a prior year.

<sup>4</sup> Loan advances less principal repayments.

<sup>5</sup> Includes project liquidation loans advanced from inception of program through 1944.

<sup>6</sup> Amount obligated.

<sup>7</sup> Amount obligated less principal repayments.

Farmers Home Administration.



**TABLE 731.—Real estate loans by Farmers Home Administration: Amount of direct loans made in 1946 and 1947 and amount outstanding Jan. 1, 1947 and 1948; amount of loans insured during the period October 1947 through Mar. 31, 1948, and amount outstanding Mar. 31, 1948<sup>1</sup>**

State and division	Direct loans <sup>2</sup>				Insured loans	
	Amount of loans <sup>3</sup>		Amount outstanding, Jan. 1 <sup>4</sup>		Amount of loans, Oct. 1, 1947 to Mar. 31, 1948 <sup>5</sup>	Amount outstanding, Mar. 31, 1948 <sup>6</sup>
	1946	1947	1947	1948		
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
Maine.....	326,299	193,472	461,176	656,901	0	0
New Hampshire.....	28,584	35,720	103,733	133,895	0	0
Vermont.....	327,521	137,062	439,181	582,154	0	0
Massachusetts.....	174,582	149,124	295,286	432,639	0	0
Rhode Island.....	0	10,900	3,787	14,286	0	0
Connecticut.....	79,237	94,915	141,833	241,143	0	0
New England.....	936,133	621,193	1,446,998	2,061,018	0	0
New York.....	1,404,320	403,675	2,409,805	2,972,196	0	0
New Jersey.....	649,316	321,514	899,441	1,316,492	41,188	41,187
Pennsylvania.....	1,369,757	370,746	3,129,167	3,613,030	12,076	12,066
Middle Atlantic.....	3,423,393	1,095,935	6,438,413	7,901,718	53,264	53,253
Ohio.....	409,485	706,930	3,869,538	3,970,032	11,070	11,070
Indiana.....	649,511	505,508	3,761,300	3,684,788	49,361	49,228
Illinois.....	205,027	325,155	4,441,710	3,794,280	41,310	41,308
Michigan.....	895,462	435,520	3,127,022	3,170,074	197,548	197,255
Wisconsin.....	1,257,908	347,710	4,003,611	4,106,251	118,479	118,309
East North Central.....	3,417,293	2,320,823	19,203,181	18,725,425	417,768	417,170
Minnesota.....	1,548,440	583,040	6,805,606	6,245,840	194,061	189,008
Iowa.....	117,415	263,970	4,724,099	3,579,472	55,906	55,906
Missouri.....	2,299,821	1,316,555	7,350,269	7,614,185	116,954	116,830
North Dakota.....	987,490	385,338	2,427,688	2,687,028	82,843	82,843
South Dakota.....	838,381	258,092	2,598,228	2,603,063	60,861	60,861
Nebraska.....	1,108,399	629,308	3,426,438	3,520,008	20,250	20,250
Kansas.....	1,433,049	658,295	4,193,277	4,591,162	132,451	132,451
West North Central.....	8,332,905	4,094,598	31,525,575	30,840,758	663,326	658,149
Delaware.....	132,966	26,700	279,861	322,170	7,200	7,200
Maryland.....	502,215	177,198	1,290,882	1,365,171	8,640	8,640
Virginia.....	447,571	320,537	2,852,139	2,729,629	28,635	28,605
West Virginia.....	250,633	150,400	1,609,753	1,578,350	7,020	6,983
North Carolina.....	947,887	929,554	7,244,812	7,006,317	29,195	29,081
South Carolina.....	607,279	390,483	7,047,601	6,715,066	0	0
Georgia.....	2,390,479	1,361,123	11,870,891	12,083,213	69,881	67,834
Florida.....	739,753	428,273	1,419,989	1,864,256	6,075	6,075
South Atlantic.....	6,018,783	3,784,268	33,615,928	33,664,172	156,646	154,518
Kentucky.....	522,769	331,701	4,068,008	3,601,266	65,485	65,046
Tennessee.....	871,487	702,280	5,720,877	5,800,052	0	0
Alabama.....	1,614,753	1,244,363	9,881,542	9,554,027	117,770	117,727
Mississippi.....	3,052,801	2,608,603	14,841,537	16,118,635	9,600	9,600
East South Central.....	6,061,810	4,886,947	34,511,964	34,773,980	192,855	192,373
Arkansas.....	3,004,483	1,804,290	10,294,192	11,147,164	26,210	26,173
Louisiana.....	446,583	787,618	7,142,642	7,208,236	0	0
Oklahoma.....	2,450,139	1,557,332	9,777,683	10,143,810	33,212	33,212
Texas.....	6,244,065	3,783,789	21,198,339	22,745,648	46,847	46,837
West South Central.....	12,245,270	7,933,029	48,412,856	51,244,858	106,269	106,222
Montana.....	1,313,113	220,780	2,923,538	2,830,350	0	0
Idaho.....	927,284	270,693	1,274,476	1,645,808	0	0
Wyoming.....	459,045	188,885	914,067	1,075,253	0	0
Colorado.....	539,255	298,516	2,067,395	2,133,218	37,070	37,070
New Mexico.....	646,868	290,143	1,111,979	1,300,383	0	0
Arizona.....	162,020	88,850	287,230	322,889	0	0
Utah.....	538,999	555,505	901,768	1,501,209	16,200	16,200
Nevada.....	94,480	96,400	101,620	173,345	0	0
Mountain.....	5,024,064	1,989,772	9,882,103	11,082,555	53,270	53,270

See footnotes at end of table.

816939-49-42

**TABLE 731.—Real estate loans by Farmers Home Administration: Amount of direct loans made in 1946 and 1947 and amount outstanding Jan. 1, 1947 and 1948; amount of loans insured during the period October 1947 through Mar. 31, 1948, and amount outstanding Mar. 31, 1948 <sup>1</sup>—Continued**

State and division	Direct loans <sup>2</sup>				Insured loans	
	Amount of loans <sup>3</sup>		Amount outstanding, Jan. 1 <sup>4</sup>		Amount of loans, Oct. 1, 1947 to Mar. 31, 1948 <sup>5</sup>	Amount outstanding, Mar. 31, 1948 <sup>6</sup>
	1946	1947	1947	1948		
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
Washington.....	253,233	217,735	1,266,959	1,315,760	0	0
Oregon.....	430,750	298,761	1,522,578	1,652,850	9,000	9,000
California.....	576,719	281,506	1,773,176	1,805,883	0	0
Pacific.....	1,260,702	798,002	4,562,713	4,774,193	9,000	9,000
United States.....	46,720,443	27,524,567	180,299,731	195,068,677	1,652,398	1,643,955
Hawaii.....	34,100	0	541,717	460,019	0	0
Alaska.....	17,010	6,750	17,010	16,971	0	0
Puerto Rico.....	377,079	228,652	2,761,305	2,732,881	0	0
Total.....	47,148,632	27,759,969	192,619,763	198,278,548	1,652,398	1,643,955

<sup>1</sup> Data represent activity for Farmers Home Administration and its predecessor agency.

<sup>2</sup> Includes tenant-purchase, farm-enlargement, farm-development, and project-liquidation loans.

<sup>3</sup> Amount advanced for project-liquidation loans and obligated for all other types of loans.

<sup>4</sup> Loan advances less principal repayments. Includes amounts outstanding on loans from corporation trust funds.

<sup>5</sup> Amount obligated.

<sup>6</sup> Amount obligated less principal repayments.

Farmers Home Administration.

**TABLE 732.—Farmers Home Administration: Status of the average active tenant purchase borrower, United States and Territories, 1946 <sup>1</sup>**

Item	Unit	Quantity	Item	Unit	Quantity
Number of active borrowers.....	Number	32,817	Gross family income.....	Dollars	4,307
Size of farm.....	Acres	148	Cash farm income.....	do.	3,382
Land in crops.....	do.	83	Nonfarm income.....	do.	365
Net worth, end of year.....	Dollars	6,010	Value of farm-produced food and fuel.....	do.	560
Net worth, beginning of year.....	do.	4,768	Cash family-living expenses.....	do.	*857
			Farm operating expenses.....	do.	1,534

<sup>1</sup> Data are based on a sample of all tenant-purchase borrowers in 1946.

Farmers Home Administration.

**TABLE 733.—Non-real-estate loans to individuals, loans to cooperative associations, and grants by Farmers Home Administration: Amount of advances during year and balance outstanding on Jan. 1, 1938-48<sup>1</sup>**

Year	Loans to individuals						Loans to cooperative associations and defense relocation corporations <sup>1</sup>		Amount of grants
	Production and subsistence		Rural rehabilitation <sup>2</sup>		Emergency crop and feed		Amount	Balance outstanding, Jan. 1	
	Amount	Balance outstanding, Jan. 1	Amount	Balance outstanding, Jan. 1	Amount	Balance outstanding, Jan. 1			
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1938.....			80,292	118,017	19,648	172,701	402	3,668	25,784
1939.....			109,037	169,150	15,079	171,489	2,803	4,023	20,409
1940.....			93,265	242,547	19,517	168,329	3,410	6,721	22,961
1941.....			103,762	288,081	18,346	168,438	10,411	9,978	14,694
1942.....			164,055	318,549	19,687	164,974	9,027	20,114	10,580
1943.....			124,987	369,717	18,697	156,676	2,676	28,490	1,065
1944.....			65,931	345,467	18,439	147,650	246	28,912	366
1945.....			73,808	306,839	16,465	139,541	202	25,150	211
1946.....	5,313		<sup>4</sup> 106,412	282,869	16,972	130,505	194	17,233	146
1947.....	78,571	5,310	<sup>4</sup> 15,498	<sup>4</sup> 282,752		118,120	101	12,218	
1948.....		51,037		<sup>4</sup> 218,286		106,189		10,229	

<sup>1</sup> Data represent activity for Farmers Home Administration and its predecessor agencies in the United States and Territories.

<sup>2</sup> Includes loans to individuals from State Rural Rehabilitation Corporation trust funds, water-facilities loans, construction loans, wartime adjustment loans, and flood and windstorm restoration loans.

<sup>3</sup> Includes loans from State corporation trust funds and loans to water-facilities associations. Figures adjusted from FHA reports to exclude loan cancellations and cooperatives transferred to FPHA and Forest Service.

<sup>4</sup> Includes production and subsistence loans from State corporation trust funds.

<sup>5</sup> Adjusted from FHA records to exclude loans cancelled in 1947.

<sup>6</sup> Includes loans obligated prior to Nov. 1, 1946, under Farm Security Administration, which were not reported as advanced until 1947.

Farmers Home Administration.

**TABLE 734.—Farmers Home Administration: Status of the average active standard rural rehabilitation borrower, United States, 1946<sup>1</sup>**

Item	Unit	Quantity
Number of active standard borrowers.....	Number	207,237
Size of farm.....	Acres	160
Land in crops.....	do.	72
Value of working capital, end of year.....	Dollars	2,392
Total assets, end of year.....	do.	4,323
Total liabilities, end of year.....	do.	1,388
Net worth, end of year.....	do.	2,935
Gross family income.....	do.	2,625
Cash farm income.....	do.	1,782
Nonfarm income.....	do.	387
Value of farm-produced food and fuel used by the family.....	do.	456
Cash family living expenses.....	do.	630
Farm operating expenses.....	do.	904
Present tenure:		
Owner and part-owner.....	Percent..	42
Tenant.....	do.	58

<sup>1</sup> Data based on a sample of all active standard rural rehabilitation borrowers in 1946 in the United States, Puerto Rico, and the Virgin Islands.

Farmers Home Administration.

TABLE 735.—Operating loans to individuals by Farmers Home Administration:  
Amount of loans made in 1947 and loans outstanding Jan. 1, 1948, by States

State and division	Production and subsistence		Rural rehabilitation		Emergency crop and feed loans
	Amount of loans in 1947	Outstanding Jan. 1, 1948	Amount of loans in 1947 <sup>1</sup>	Outstanding Jan. 1, 1948 <sup>2</sup>	Outstanding Jan. 1, 1948 <sup>3</sup>
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Maine.....	1,187	713	99	2,740	831
New Hampshire.....	180	168	20	814	32
Vermont.....	255	251	43	751	54
Massachusetts.....	174	137	1	464	32
Rhode Island.....	27	24	1	88	0
Connecticut.....	54	46	0	180	17
New England.....	1,877	1,339	164	5,037	666
New York.....	1,310	1,196	16	5,030	160
New Jersey.....	499	424	82	1,539	61
Pennsylvania.....	1,186	1,072	116	3,699	407
Middle Atlantic.....	2,965	2,692	214	10,268	628
Ohio.....	1,021	970	363	3,486	216
Indiana.....	1,043	939	112	2,583	225
Illinois.....	1,441	1,408	244	4,276	194
Michigan.....	2,083	2,009	214	5,001	419
Wisconsin.....	1,971	1,828	430	4,432	830
East North Central.....	7,559	7,154	1,363	19,778	1,884
Minnesota.....	2,058	1,749	1,002	7,315	4,199
Iowa.....	1,488	1,373	546	4,736	246
Missouri.....	2,556	2,151	739	6,331	1,488
North Dakota.....	1,444	748	504	3,960	30,564
South Dakota.....	1,625	1,298	831	7,863	15,884
Nebraska.....	1,255	1,267	543	5,557	3,547
Kansas.....	1,734	1,529	302	5,712	4,844
West North Central.....	12,160	10,115	4,467	41,494	60,762
Delaware.....	50	40	0	305	43
Maryland.....	475	427	0	1,435	237
Virginia.....	822	398	567	2,254	1,481
West Virginia.....	295	264	183	1,263	224
North Carolina.....	6,033	1,840	486	3,750	1,204
South Carolina.....	4,416	895	226	6,237	1,944
Georgia.....	3,570	1,068	865	11,328	2,220
Florida.....	910	605	198	4,512	1,263
South Atlantic.....	16,571	5,537	2,525	31,084	8,666
Kentucky.....	1,630	1,498	205	2,281	573
Tennessee.....	1,449	932	420	1,606	713
Alabama.....	2,634	867	339	12,028	1,631
Mississippi.....	3,339	1,349	288	11,121	1,732
East South Central.....	9,052	4,646	1,252	27,036	4,649
Arkansas.....	3,162	1,631	810	9,056	3,074
Louisiana.....	2,651	808	49	6,949	1,771
Oklahoma.....	3,790	3,091	407	11,795	1,661
Texas.....	5,835	3,754	1,201	20,689	7,582
West South Central.....	15,438	9,284	2,557	48,388	14,088
Montana.....	1,829	1,232	110	4,066	7,453
Idaho.....	1,543	1,209	159	2,718	393
Wyoming.....	1,245	961	192	3,307	813
Colorado.....	1,943	1,274	528	8,827	2,223
New Mexico.....	836	601	387	3,130	1,785
Arizona.....	202	175	122	776	147
Utah.....	667	560	299	2,337	825
Nevada.....	175	177	43	320	19
Mountain.....	8,440	6,279	1,840	22,481	13,358

See footnotes at end of table.

**TABLE 735.—Operating loans to individuals by Farmers Home Administration: Amount of loans made in 1947 and loans outstanding Jan. 1, 1948, by States—Continued.**

State and division	Production and subsistence		Rural rehabilitation		Emergency crop and feed loans
	Amount of loans in 1947	Outstanding Jan. 1, 1948	Amount of loans in 1947 <sup>1</sup>	Outstanding Jan. 1, 1948 <sup>1,2</sup>	Outstanding Jan. 1, 1948 <sup>2</sup>
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Washington.....	622	527	450	3,899	639
Oregon.....	683	577	160	2,128	244
California.....	1,305	1,160	505	5,014	329
Pacific.....	2,610	2,264	1,115	11,041	1,212
United States.....	76,702	49,310	15,497	216,607	105,913
Hawaii.....	96	102	0	112	1
Alaska.....	28	27	1	60	0
Puerto Rico.....	1,742	1,596	0	1,461	275
Virgin Islands.....	3	2	0	46	0
Total of Territories.....	1,869	1,727	1	1,679	276

<sup>1</sup> Includes production and subsistence loans made from State corporation trust funds, water-facilities loans, and rural-rehabilitation loans made under Farm Security Administration, which were not reported as advanced until 1947.

<sup>2</sup> Includes amounts outstanding on loans made by Farmers Home Administration and for its predecessor agencies.

<sup>3</sup> Includes amounts outstanding on rural rehabilitation and production and subsistence loans made from State corporation trust funds, water-facilities loans, construction loans, wartime adjustment loans and flood and windstorm loans.

Farmers Home Administration.

**TABLE 736.—Farmers Home Administration: Status of the average active water facilities borrower, United States, 1946<sup>1,2</sup>**

Item	Unit	Quantity	Item	Unit	Quantity
Number of active borrowers.....	Number	1,369	Small grain, production per acre <sup>3</sup> .....	Bushels.....	80.8
Percent with irrigation facilities <sup>4</sup> .....	Percent.....	22	Corn, production per acre <sup>3</sup> .....	do.....	41
Percent with farmstead facilities only.....	do.....	78	Crop sales.....	Dollars.....	1,474
Size of farm, all water-facilities borrowers.....	Acres.....	247	Livestock sales.....	do.....	934
Land in crops, all water-facilities borrowers.....	do.....	95	Livestock product sales.....	do.....	1,179
Irrigation borrowers <sup>4</sup> .....	do.....	103	Production for home-use:		
Farmstead-only borrowers.....	do.....	93	Dairy products.....	Gallons (equiv- alent).....	528
Acres irrigated, irrigation borrowers <sup>4</sup> .....	do.....	82	Eggs.....	Dozens.....	156
Cattle and calves sold <sup>4</sup> .....	Number.....	8	Meat.....	Pounds (dressed).....	528
Hogs sold <sup>4</sup> .....	do.....	10	Total farm income.....	Dollars.....	4,185
Poultry sold <sup>4</sup> .....	do.....	80	Farm operating expenses.....	do.....	1,762
Eggs sold <sup>4</sup> .....	Dozens.....	952	Net farm income.....	do.....	2,423
Dairy products sold <sup>4</sup> .....	Gallons (equiv- alent).....	4,725			

<sup>1</sup> Data based on total active water facilities borrowers who met the following conditions: (a) On same farm with same acreage in 1946 as during crop year before water facilities installation; (b) installation of facilities completed in time to provide full benefits during the 1946 crop year.

<sup>2</sup> Water facilities loans have been made in the following 17 Western states: Arizona, California, Colorado, Idaho, Kansas, Montana, Nebraska, Nevada, New Mexico, North Dakota, Oklahoma, Oregon, South Dakota, Texas, Utah, Washington, and Wyoming.

<sup>3</sup> Includes those borrowers with loans for both irrigation and farmstead facilities.

<sup>4</sup> Average based on reports of farmers raising specified kind of livestock.

<sup>5</sup> Crop production is reported by irrigation borrowers and is limited to production on land irrigated in 1946. Crop production information was not obtained for borrowers with loans for farmstead facilities only.

Farmers Home Administration.

TABLE 737.—Farm real estate held by selected lending agencies, United States, Jan. 1, 1929-48<sup>1</sup>

Year	Federal land banks and Federal Farm Mortgage Corporation <sup>1</sup>	Life insurance companies <sup>2</sup>	Joint-stock land banks <sup>3</sup>	Commercial banks <sup>4</sup>	3 State credit agencies <sup>5</sup>
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1929.....	26,478	( <sup>7</sup> )	15,236	( <sup>7</sup> )	19,540
1930.....	29,517	107,058	19,685	( <sup>7</sup> )	26,860
1931.....	36,865	123,403	22,202	( <sup>7</sup> )	33,511
1932.....	53,588	190,694	37,957	( <sup>7</sup> )	39,008
1933.....	83,158	257,773	71,741	( <sup>7</sup> )	47,454
1934.....	96,632	428,331	85,740	( <sup>7</sup> )	56,094
1935.....	96,666	558,211	81,700	( <sup>7</sup> )	60,270
1936.....	119,864	588,761	78,204	* 74,166	61,531
1937.....	134,754	634,005	72,781	69,525	68,444
1938.....	132,038	612,120	62,030	56,311	72,040
1939.....	139,229	607,358	53,885	49,143	71,846
1940.....	155,237	599,653	46,827	42,045	68,324
1941.....	134,180	547,637	36,172	33,373	60,900
1942.....	91,816	441,772	25,130	22,841	53,498
1943.....	54,757	336,233	18,306	( <sup>7</sup> )	44,145
1944.....	25,846	205,410	6,605	( <sup>7</sup> )	36,159
1945.....	10,994	119,169	4,201	( <sup>7</sup> )	32,691
1946.....	3,367	81,616	1,601	( <sup>7</sup> )	3,619
1947.....	1,029	33,552	463	( <sup>7</sup> )	( <sup>7</sup> )
1948.....	330	13,656	154	( <sup>7</sup> )	( <sup>7</sup> )

<sup>1</sup> Acquired by foreclosure or other "distress" transfers from borrowers. Continental United States only.

<sup>2</sup> Investment. Includes sheriffs' certificates and judgments, but excludes prior liens.

<sup>3</sup> Book value, partially estimated.

<sup>4</sup> Carrying value of real estate, including sheriffs' certificates and judgments. Real estate held by banks in receivership is included at book value.

<sup>5</sup> Book value. Data represent holdings of insured commercial banks.

<sup>6</sup> Investment. Rural Credit Board of South Dakota, Bank of North Dakota, and Department of Rural Credit of Minnesota. The large reduction during 1945 is mostly due to a charge-off of approximately \$27,000,000 of cumulated losses by the Rural Credit Board of South Dakota upon completion of liquidation.

<sup>7</sup> Data unavailable.

\* Amount held on July 1.

Bureau of Agricultural Economics.

TABLE 738.—Farm loans guaranteed or insured by the Veterans Administration, United States, 1945-47

Item	1945	1946	1947
	Number	Number	Number
Number of loans.....	1,064	17,138	19,793
Real estate.....	( <sup>1</sup> )	9,771	10,707
Non-real-estate.....	( <sup>1</sup> )	8,431	9,086
	1,000 dollars	1,000 dollars	1,000 dollars
Amount of loans <sup>2</sup> .....	( <sup>1</sup> )	66,844	77,765
Amount of guaranty or insurance.....	1,265	29,826	36,634
Real estate.....	390	22,141	27,697
Non-real-estate.....	875	7,685	8,937

<sup>1</sup> Not available separately, but included with 1946 total. Thus, on the first three lines of this table, the 1,064 in the 1945 column, plus the 17,138 in the 1946 column, are equal to the 9,771 and 8,431 in the 1946 column.

<sup>2</sup> Breakdown between real estate and non-real estate loans not available.

Bureau of Agricultural Economics. Compiled from reports of the Veterans Administration.

## FOOTNOTES FOR TABLE 739:

<sup>1</sup> Edison Electric Institute report.

<sup>2</sup> Percentage of all farms in State as shown by 1935 Census of Agriculture.

<sup>3</sup> 1940 Census of Agriculture.

<sup>4</sup> Percentage of all farms in State as shown by 1940 Census of Agriculture.

<sup>5</sup> REA estimate.

<sup>6</sup> Percentage of all farms in State, as shown by 1945 Census of Agriculture. This census reported a total of 5,859,169 farms in the United States.

Rural Electrification Administration.



TABLE 739.—*Rural Electrification Administration: Number and percentage of farms receiving central-station electric service, by States, 1934, 1940, 1945, and 1947*

State and division	Farms receiving central station electric service								Increase in electrified farms from Dec. 31, 1934, to June 30, 1947
	Dec. 31, 1934 <sup>1</sup>		April 1, 1940 <sup>2</sup>		June 30, 1945 <sup>3</sup>		June 30, 1947 <sup>4</sup>		
	Number	Percent <sup>5</sup>	Number	Percent <sup>6</sup>	Number	Percent <sup>6</sup>	Number	Percent <sup>6</sup>	
Maine.....	13,959	33.3	20,221	51.9	27,087	64.2	31,493	74.7	17,534
New Hampshire.....	9,495	83.7	10,845	65.5	15,298	81.4	16,978	90.4	7,483
Vermont.....	7,945	29.4	12,213	51.8	18,916	71.4	21,060	79.5	13,115
Massachusetts.....	14,494	41.3	26,220	82.2	33,287	89.9	35,223	95.2	20,729
Rhode Island.....	1,975	45.6	2,457	81.5	3,148	87.4	3,504	97.3	1,529
Connecticut.....	10,138	31.5	16,995	80.3	20,155	90.6	21,914	98.5	11,776
New England.....	58,006	36.7	88,951	65.8	117,891	78.4	130,172	86.6	72,166
New York.....	57,825	32.7	102,283	66.7	125,433	83.9	140,712	94.1	82,887
New Jersey.....	15,162	51.6	21,298	82.4	23,697	90.4	24,952	95.1	9,790
Pennsylvania.....	45,182	23.6	94,081	55.7	125,612	73.1	143,593	83.6	98,411
Middle Atlantic.....	118,169	29.7	217,662	62.5	274,742	79.1	309,257	89.0	191,088
Ohio.....	48,048	18.8	137,680	58.9	165,387	75.0	198,512	90.0	150,464
Indiana.....	23,476	11.7	91,127	49.4	125,931	71.6	150,308	85.4	129,832
Illinois.....	28,379	12.3	80,027	37.5	121,771	59.6	153,015	74.9	124,636
Michigan.....	42,152	21.4	131,126	69.9	146,325	83.5	161,239	92.0	119,087
Wisconsin.....	39,206	19.6	87,556	46.9	123,066	69.2	140,662	79.1	101,456
East North Central.....	181,261	16.7	527,516	52.4	682,420	71.5	803,736	84.3	622,475
Minnesota.....	13,783	6.8	50,075	25.4	93,208	49.3	117,931	62.4	104,148
Iowa.....	32,047	14.4	73,308	34.4	133,113	63.7	165,103	79.0	133,056
Missouri.....	17,893	6.4	39,204	15.3	77,852	32.0	119,491	49.2	101,598
North Dakota.....	1,968	2.3	3,218	4.4	7,498	10.8	10,831	15.6	8,863
South Dakota.....	2,939	3.5	3,981	5.5	8,964	13.0	12,484	18.2	9,545
Nebraska.....	9,544	7.1	22,832	18.9	39,120	35.0	42,503	38.0	32,959
Kansas.....	13,224	7.6	27,960	17.9	46,056	32.6	58,903	41.7	45,679
West North Central.....	91,398	7.7	220,578	20.2	405,811	39.3	527,246	51.1	435,848
Delaware.....	1,791	17.3	3,545	39.4	5,650	60.8	7,614	81.9	5,823
Maryland.....	6,791	15.3	17,170	40.7	24,124	58.4	32,433	78.5	25,642
Virginia.....	14,954	7.6	42,144	24.1	65,035	37.6	93,221	53.9	78,267
West Virginia.....	3,647	3.5	25,199	25.4	39,148	40.1	49,500	50.7	45,853
North Carolina.....	9,672	3.2	67,627	24.3	113,574	39.5	157,581	54.9	147,909
South Carolina.....	3,796	2.3	27,568	20.0	55,114	37.3	77,048	52.2	73,252
Georgia.....	6,956	2.8	42,409	19.6	82,248	36.4	121,613	53.8	114,657
Florida.....	5,700	7.8	15,476	24.9	24,750	40.5	35,965	58.8	30,285
South Atlantic.....	53,307	4.6	241,138	23.7	409,643	39.3	574,995	55.1	521,688
Kentucky.....	8,480	3.0	38,607	15.3	72,602	30.4	104,434	43.8	95,954
Tennessee.....	9,727	3.6	38,884	15.7	71,458	30.5	94,702	40.4	84,976
Alabama.....	11,053	4.0	33,907	14.6	73,129	32.7	107,281	48.0	96,228
Mississippi.....	2,802	0.9	26,078	9.0	52,816	20.0	86,740	32.9	83,938
East South Central.....	32,062	2.8	137,476	13.4	270,005	28.1	393,158	41.0	361,096
Arkansas.....	2,943	1.2	21,303	9.8	46,149	23.2	83,957	42.2	81,014
Louisiana.....	2,826	1.7	16,058	10.7	36,778	28.4	59,213	45.8	56,387
Oklahoma.....	5,648	2.6	20,149	11.2	49,473	30.0	78,651	47.7	73,008
Texas.....	11,466	2.3	70,127	18.9	162,290	42.2	214,648	55.8	203,182
West South Central.....	22,883	2.0	136,637	14.2	294,690	33.6	436,469	49.7	413,586
Montana.....	2,768	5.5	7,947	19.0	11,401	30.2	15,644	41.4	12,876
Idaho.....	13,433	29.8	25,439	58.3	32,139	77.4	38,719	93.3	25,286
Wyoming.....	527	3.0	3,474	23.1	5,632	43.1	7,190	55.0	6,663
Colorado.....	7,145	11.2	14,823	28.8	24,637	51.7	32,794	68.8	25,649
New Mexico.....	1,850	3.3	4,479	13.1	7,645	25.7	12,063	40.6	10,713
Arizona.....	5,577	29.6	5,607	30.4	9,280	70.6	11,129	84.7	5,552
Utah.....	16,130	52.5	17,411	68.5	20,019	76.1	20,965	79.6	4,835
Nevada.....	916	25.6	1,555	43.5	1,639	47.8	1,882	54.9	936
Mountain.....	47,876	17.6	80,735	34.6	112,392	52.9	140,386	66.1	92,510
Washington.....	40,060	47.5	58,283	71.4	68,194	85.4	75,582	94.6	35,522
Oregon.....	17,839	27.5	36,369	58.8	48,635	77.0	58,226	92.2	40,387
California.....	81,093	53.9	107,904	81.3	121,873	87.7	125,414	90.3	44,321
Pacific.....	138,992	46.4	202,556	73.3	238,702	84.7	259,222	91.9	120,230
United States.....	743,954	10.9	1,853,249	30.4	2,806,296	47.9	3,574,641	61.0	2,830,687

For footnotes see bottom of page 660.



TABLE 740.—Rural Electrification Administration: Number and amount of loans by type of borrower and by purpose of loan, by States, from organization (May 11, 1935) to Jan. 1, 1948<sup>1</sup>

State, division, and Territory	Total loans		Loans by type of borrower										Loans by purpose				Other loan estimates <sup>1</sup>	
	Borrow-ers	Amount	Cooperative associations		Public power districts		Other public bodies <sup>2</sup>		Power companies		Line construction and working capital	Generation and trans-mission	Con-sumer facilities <sup>3</sup>	Miles of line	Con-sumers			
			Borrow-ers	Amount	Borrow-ers	Amount	Borrow-ers	Amount	Borrow-ers	Amount								
	Number	1,000 dollars	Number	1,000 dollars	Number	1,000 dollars	Number	1,000 dollars	Number	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	Miles	Number			
Maine.....	4	1,198	4	1,198	0	0	0	0	0	0	1,173	0	25	746	2,980			
New Hampshire.....	1	2,189	1	2,189	0	0	0	0	0	0	2,141	8	40	1,659	5,006			
Vermont.....	3	2,784	3	2,784	0	0	0	0	0	0	2,667	80	37	1,790	4,919			
Massachusetts.....	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Rhode Island.....	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Connecticut.....	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
New England.....	8	6,171	8	6,171	0	0	0	0	0	0	5,981	88	102	4,195	12,915			
New York.....	7	4,788	6	2,924	0	0	0	0	0	1	1,864	4,693	0	98	3,990	13,526		
New Jersey.....	2	688	2	688	0	0	0	0	0	0	676	0	12	502	2,040			
Pennsylvania.....	13	17,104	13	17,104	0	0	0	0	0	0	16,869	0	235	13,475	46,539			
Middle Atlantic.....	22	22,680	21	20,716	0	0	0	0	0	1	1,864	22,238	9	342	17,967	62,105		
Ohio.....	28	33,468	28	33,468	0	0	0	0	0	0	0	33,135	35	298	24,997	95,727		
Indiana.....	47	37,923	46	37,493	0	0	0	0	0	1	430	37,519	56	348	31,431	112,972		
Illinois.....	28	42,614	27	42,533	0	0	0	0	0	1	81	40,693	1,541	380	33,551	98,401		
Michigan.....	13	23,289	13	23,289	0	0	0	0	0	0	0	17,154	5,747	398	13,107	48,801		
Wisconsin.....	33	58,713	32	58,621	0	0	0	1	92	0	0	31,971	26,181	561	26,898	86,031		
East North Central.....	149	196,007	146	195,404	0	0	0	1	92	2	511	160,472	33,560	1,975	129,684	436,532		
Minnesota.....	52	72,001	52	72,001	0	0	0	0	0	0	0	62,195	8,452	154	55,418	131,342		
Iowa.....	57	68,603	55	68,502	0	0	0	1	95	1	6	50,673	17,632	1,298	46,095	112,413		
Missouri.....	45	66,536	44	66,424	0	0	0	0	0	1	112	59,795	6,192	549	47,065	151,479		
North Dakota.....	23	30,156	22	29,544	0	0	0	0	0	1	612	22,675	7,263	218	18,274	28,558		
South Dakota.....	27	22,044	27	22,044	0	0	0	0	0	0	0	21,404	542	98	16,690	33,496		
Nebraska.....	34	40,439	10	8,573	24	31,866	0	0	0	0	0	38,694	1,167	578	30,982	64,789		
Kansas.....	35	38,613	35	38,607	0	0	0	1	95	4	736	36,760	1,681	172	26,754	67,633		
West North Central.....	274	338,392	245	305,695	24	31,866	1	95	4	736	292,195	43,129	3,067	244,278	580,016	6,426		
Delaware.....	1	2,127	1	2,127	0	0	0	0	0	0	0	2,127	0	5	1,486	5,426		
Maryland.....	2	6,043	2	6,043	0	0	0	0	0	0	0	5,416	627	0	3,694	13,960		
Virginia.....	22	27,508	21	27,315	0	0	0	0	0	1	193	24,360	2,774	374	17,882	58,930		
West Virginia.....	3	953	3	953	0	0	0	0	0	0	0	953	0	15	618	2,449		

# RURAL ELECTRIFICATION STATISTICS

663

North Carolina.....	39	41,888	34	41,419	0	0	2	248	3	219	36,628	4,431	927	27,275	106,380
South Carolina.....	28	37,719	20	34,977	0	0	0	910	0	107	47,346	3,750	1,465	41,595	152,920
Georgia.....	46	52,561	45	52,456	0	0	0	0	2	213	15,175	1,784	1,157	11,733	35,747
Florida.....	17	17,116	15	16,903	0	0	0	0	0	0	0	0	0	0	0
South Atlantic.....	157	172,755	146	171,269	0	0	4	764	7	732	155,691	13,453	3,006	124,966	447,848
Kentucky.....	26	41,417	26	41,417	0	0	0	0	0	0	36,165	2,000	252	29,498	115,323
Tennessee.....	30	37,719	20	34,977	0	0	10	2,742	0	0	37,339	155	155	27,544	106,331
Alabama.....	27	36,538	25	35,781	0	0	2	757	0	0	28,463	7,641	254	33,939	93,255
Mississippi.....	24	40,385	23	40,314	0	0	1	71	0	0	37,716	2,386	283	31,456	126,717
East South Central.....	107	166,059	94	152,489	0	0	13	3570	0	0	142,863	12,292	944	112,437	491,626
Arkansas.....	20	32,223	19	31,700	0	0	0	0	1	523	29,780	2,001	382	24,029	83,127
Louisiana.....	17	21,256	16	21,206	0	0	0	0	1	50	16,554	4,520	182	14,022	52,843
Oklahoma.....	27	37,788	26	37,592	0	0	0	0	1	196	36,145	1,445	108	30,913	77,761
Texas.....	97	101,325	96	101,069	0	0	1	256	0	0	89,250	10,376	1,699	89,088	218,737
West South Central.....	161	192,592	157	191,567	0	0	1	256	3	769	171,729	18,402	2,461	158,652	492,468
Montana.....	21	17,719	21	17,719	0	0	0	0	0	0	16,295	1,367	94	11,978	23,572
Idaho.....	9	7,682	9	7,682	0	0	0	0	0	0	5,191	2,494	97*	5,207	13,326
Wyoming.....	16	8,591	15	8,512	0	0	0	0	0	79	8,050	416	125	6,163	11,936
Colorado.....	21	21,969	20	21,895	0	0	0	0	1	104	21,047	792	160	15,210	39,891
New Mexico.....	14	9,419	13	9,195	0	0	0	0	1	224	8,299	990	130	6,110	15,678
Arizona.....	11	5,086	9	4,844	1	142	0	0	1	100	4,165	896	25	2,203	7,091
Nevada.....	6	2,202	6	2,202	0	0	0	0	0	0	1,537	610	55	1,164	3,508
Utah.....	2	296	2	296	0	0	0	0	0	0	286	0	10	1,130	536
Mountain.....	100	72,994	93	72,049	3	438	0	0	4	507	66,803	5,595	696	48,165	115,538
Washington.....	24	16,237	13	10,467	11	5,770	0	0	0	0	15,024	1,126	87	11,635	24,891
Oregon.....	15	11,611	14	11,416	1	195	0	0	0	0	10,752	744	115	6,456	19,118
California.....	6	3,142	5	2,442	1	700	0	0	0	0	2,960	170	12	2,020	5,599
Pacific.....	45	30,990	32	24,325	13	6,065	0	0	0	0	28,736	2,040	214	20,111	46,608
Alaska.....	5	1,555	5	1,555	0	0	0	0	0	0	810	715	30	279	1,665
Virgin Islands.....	1	432	0	0	1	432	0	0	0	0	235	107	0	85	912
Territories.....	6	1,987	5	1,555	1	432	0	0	0	0	1,045	912	30	364	2,577
United States and Ter- ritories.....	1,029	1,100,527	947	1,141,230	41	39,401	20	4,777	21	5,119	1,047,754	129,336	13,437	861,139	2,631,227

\* State totals represent data for borrowers incorporated within the State.  
 † Municipalities and government authorities (excluding public power dis-  
 tricts).  
 ‡ Funds loaned to corporate borrowers for relending to individuals. Includes  
 wiring, plumbing, and refrigeration installations.

4 Total miles of line and number of consumers provided for by loans. Includes  
 miles energized and consumers connected, shown in table 742.

Rural Electrification Administration.

TABLE 741.—*Rural Electrification Administration: Number and amount of advances from organization (May 11, 1935) to Jan. 1, 1948; number of systems in operation, miles energized, and consumers connected, as of Jan. 1, 1948; kilowatt-hours generated, purchased, and billed, and total revenue during 1947, by States*<sup>1</sup> (preliminary)

State, division, and Territory	Total advances to Jan. 1, 1948 <sup>2</sup>		Data for systems in operation, Jan. 1, 1948							
	Bor- rowers	Amount	As of Jan. 1, 1948			Calendar year 1947				
			Sys- tems	Miles ener- gized	Con- sumers connected	KWH gen- erated	KWH pur- chased	KWH billed	Total revenue	
			Num- ber	1,000 dollars	Num- ber	Miles	Number	1,000 kw.-hr.	1,000 kw.-hr.	1,000 kw.-hr.
Maine.....	4	1,011	4	490	2,469	17	2,233	1,600	96	
New Hampshire.....	1	2,037	1	1,385	4,253	0	5,050	3,103	185	
Vermont.....	3	2,143	3	1,468	4,161	0	7,485	5,725	256	
Massachusetts.....	0	0	0	0	0	0	0	0	0	
Rhode Island.....	0	0	0	0	0	0	0	0	0	
Connecticut.....	0	0	0	0	0	0	0	0	0	
New England.....	8	5,191	8	3,543	10,883	17	14,768	10,428	537	
New York.....	7	4,071	6	2,901	10,229	0	8,041	6,227	263	
New Jersey.....	2	643	2	451	2,011	0	4,076	3,415	130	
Pennsylvania.....	13	14,582	13	12,579	45,541	0	75,576	58,896	2,504	
Middle Atlantic.....	22	19,296	21	15,931	57,781	0	87,693	68,538	2,897	
Ohio.....	28	28,411	28	23,063	86,524	0	178,319	146,256	5,346	
Indiana.....	46	29,995	44	27,189	102,580	0	183,467	149,518	5,920	
Illinois.....	28	34,109	28	26,922	81,162	6,557	144,780	119,642	5,262	
Michigan.....	13	17,705	13	11,061	44,016	49,582	30,736	64,450	2,439	
Wisconsin.....	32	35,785	32	20,038	57,834	103,604	147,132	216,356	5,818	
East North Central.....	147	146,005	145	108,273	372,116	159,743	684,434	696,222	24,785	
Minnesota.....	52	49,634	50	42,353	104,826	28,794	218,539	208,013	8,029	
Iowa.....	56	47,550	54	38,546	95,630	49,260	226,550	230,707	7,740	
Missouri.....	44	47,011	41	30,966	111,629	14,038	229,460	198,919	6,363	
North Dakota.....	23	17,164	14	6,863	12,030	15,863	25,503	35,187	1,081	
South Dakota.....	26	11,446	16	4,755	13,070	2,061	22,839	20,962	881	
Nebraska.....	33	23,401	25	16,688	36,680	2,143	94,492	79,248	2,630	
Kansas.....	36	23,195	29	14,616	30,619	3,009	44,725	37,292	1,828	
West North Central.....	270	219,401	229	154,787	404,484	115,168	862,108	810,328	28,552	
Delaware.....	1	1,743	1	1,085	3,967	0	8,073	6,402	273	
Maryland.....	2	4,539	2	2,583	12,646	5,825	24,084	23,168	897	
Virginia.....	21	22,096	16	13,705	48,676	20,145	50,719	54,608	2,280	
West Virginia.....	2	857	2	629	2,358	0	2,597	1,997	94	
North Carolina.....	38	29,816	35	18,782	77,651	6,651	73,765	61,967	2,823	
South Carolina.....	27	16,173	23	14,835	56,553	0	62,662	48,611	2,096	
Georgia.....	45	31,088	43	29,173	122,098	0	156,018	126,484	4,619	
Florida.....	17	12,045	17	7,552	26,045	12,021	25,461	30,040	1,255	
South Atlantic.....	153	118,357	139	88,344	349,994	44,642	403,379	353,277	14,337	
Kentucky.....	25	26,526	25	18,141	79,892	0	115,450	91,063	3,704	
Tennessee.....	30	25,156	30	17,611	133,491	0	452,123	387,647	6,982	
Alabama.....	26	19,956	25	14,940	67,486	31,787	140,691	148,416	3,381	
Mississippi.....	23	25,174	23	21,599	98,276	0	153,776	122,971	4,032	
East South Central.....	104	96,812	103	72,291	379,145	31,787	862,040	750,097	18,099	
Arkansas.....	20	22,419	19	16,079	61,009	0	54,461	41,833	2,154	
Louisiana.....	17	18,176	15	11,795	45,868	0	43,087	32,517	1,677	
Oklahoma.....	27	27,420	24	22,060	55,554	1,293	74,128	57,432	2,976	
Texas.....	96	76,821	75	63,781	171,635	0	266,906	212,702	8,155	
West South Central.....	160	144,836	133	113,715	334,066	1,293	438,582	344,484	14,962	
Montana.....	21	11,327	20	5,973	16,144	13,023	31,944	37,769	1,273	
Idaho.....	9	5,459	9	3,628	9,446	424	21,545	16,969	582	
Wyoming.....	15	5,403	14	3,421	8,237	3,488	20,174	18,915	720	
Colorado.....	21	15,216	20	9,790	29,095	1,913	67,634	54,721	2,275	
New Mexico.....	11	5,907	10	2,737	8,632	3,947	31,220	29,249	769	
Arizona.....	10	3,140	7	771	4,123	13,635	4,070	13,755	371	
Utah.....	6	1,822	5	969	2,965	4,168	2,521	4,946	183	
Nevada.....	2	253	2	147	675	0	5,328	4,771	78	
Mountain.....	95	48,527	87	27,436	79,317	40,598	184,636	181,005	6,251	

See footnotes at end of table.

**TABLE 741.—Rural Electrification Administration: Number and amount of advances from organization (May 11, 1935) to Jan. 1, 1948; number of systems in operation, miles energized, and consumers connected, as of Jan. 1, 1948; kilowatt-hours generated, purchased, and billed, and total revenue during 1947, by States<sup>1</sup>—Continued**

State, division, and Territory	Total advances to Jan. 1, 1948 <sup>1</sup>		Data for systems in operation, Jan. 1, 1948						
	Borrowers	Amount	As of Jan. 1, 1948			Calendar year 1947			
			Systems	Miles energized	Consumers connected	KWH generated	KWH purchased	KWH billed	Total revenue
	Number	1,000 dollars	Number	Miles	Number	1,000 kw.-hr.	1,000 kw.-hr.	1,000 kw.-hr.	1,000 dollars
Washington.....	23	10,752	21	7,942	18,396	3,983	73,009	62,599	1,441
Oregon.....	15	8,586	13	4,344	15,673	1,826	47,424	40,308	1,026
California.....	6	2,409	5	1,718	7,269	0	34,708	28,339	651
Pacific.....	44	21,747	39	14,004	41,338	5,809	155,141	131,246	3,118
Alaska.....	2	451	2	119	1,015	1,557	1,118	2,252	141
Virgin Islands.....	1	320	1	55	516	777	0	526	25
Territories.....	3	771	3	174	1,531	2,334	1,118	2,778	166
United States and Territories.....	1,006	821,143	907	598,498	2,030,655	401,391	3,693,899	3,348,493	113,704

<sup>1</sup> State totals represent data for borrowers incorporated within the State.

<sup>2</sup> Actual funds advanced out of loans, as shown in table 740. United States total includes \$200,000 adjustment of 1942 note.

Rural Electrification Administration.

**TABLE 742.—Rural Electrification Administration: Number and amount of advances from date of organization (May 11, 1935); number of systems in operation, miles energized, and consumers connected as of Jan. 1; kilowatt-hours generated, purchased, and billed, and total revenue for year ended Dec. 31, United States, 1936-48**

Year	Total advances as of Jan. 1		Data for systems in operation						
	Borrowers	Amount <sup>1</sup>	As of Jan. 1			During year			
			Systems	Miles energized	Consumers connected	KWH generated	KWH purchased	KWH billed	Total revenue
	Number	1,000 dollars	Number	Miles	Number	1,000 kw.-hr.	1,000 kw.-hr.	1,000 kw.-hr.	1,000 dollars
1936.....	10	2	2	0	0	—	—	—	—
1937.....	3,339	29	29	3,000	7,508	—	—	—	—
1938.....	34,338	126	126	16,500	43,878	—	—	—	—
1939.....	88,345	350	350	67,409	176,382	—	—	—	—
1940.....	654	184,099	548	181,359	435,566	—	—	—	—
1941.....	755	253,336	685	267,846	674,495	83,123	854,370	724,385	35,022
1942.....	835	332,033	773	348,062	902,266	131,189	1,304,623	1,150,536	46,927
1943.....	849	364,324	803	378,015	1,012,284	199,228	1,828,132	1,679,381	55,588
1944.....	853	378,496	811	390,058 <sup>2</sup>	1,087,801	213,462	2,105,332	1,925,734	64,043
1945.....	870	406,371	826	410,471 <sup>2</sup>	1,216,798	258,397	2,344,550	2,136,384	73,607
1946.....	914	463,542	848	449,579	1,408,918	319,913	2,730,265	2,477,509	89,948
1947 <sup>3</sup> .....	978	595,730	869	506,838	1,683,901	401,391	3,693,900	3,348,493	113,704
1948 <sup>3</sup> .....	1,006	821,143	907	598,498	2,030,655	—	—	—	—

<sup>1</sup> Actual funds advanced out of loans, as shown in table 740.

<sup>2</sup> Totals for 1946, 1947, and 1948 include \$200,000 adjustment of 1942 note.

<sup>3</sup> Preliminary.

Rural Electrification Administration.

TABLE 743.—Commodity Credit Corporation: Total loans made, by crop years, from date of organization (1933) through Dec. 31, 1947<sup>1</sup>

Program	Quantities pledged	Face amount	Program	Quantities pledged	Face amount
<b>Barley:</b>	<i>1,000 bushels</i>	<i>1,000 dollars</i>	<b>Fiber flax:</b>	<i>1,000 pounds</i>	<i>1,000 dollars</i>
1940.....	7,499	2,391	1940.....	1,504	735
1941.....	16,297	6,858			
1942.....	15,199	8,152	<b>Flaxseed:</b>	<i>1,000 bushels</i>	
1943.....	762	558	1941.....	749	1,245
1944.....	3,303	2,800	1942.....	1,576	3,488
1945.....	1,027	758	1943.....	595	1,581
1946.....	491	374	1944.....	60	168
1947.....	315	301	1945.....	129	368
Total.....	44,893	22,192	1946.....	24	67
			1947.....	462	2,212
			Total.....	3,595	9,129
<b>Butter:</b>	<i>1,000 pounds</i>				
1938.....	114,264	29,095	<b>Grain sorghums:</b>	<i>1,000 bushels</i>	
1939.....	12,836	3,042	1940.....	78	23
1940.....	66	19	1941.....	341	117
Total.....	127,166	32,156	1942.....	121	66
			1943.....	46	39
<b>Corn:</b>	<i>1,000 bushels</i>		1944.....	8,217	7,741
1933.....	267,762	121,276	1945.....	10	9
1934.....	20,075	11,042	1946.....	551	496
1935.....	30,966	13,934	1947.....	28	32
1936.....	158	87	Total.....	9,392	8,523
1937 (fall of 1937).....	47,117	22,871			
1937 (fall of 1938).....	<sup>2</sup> 14,000	<sup>2</sup> 7,980	<b>Hops: 1938.....</b>	<i>1,000 pounds</i>	1,388
1938.....	229,839	130,882			
1939.....	301,729	171,756	<b>Miscellaneous seeds:</b>	<i>1,000 pounds</i>	
1940.....	103,125	62,835	1943.....	174	20
1941.....	110,871	80,914	1944.....	37,777	2,270
1942.....	56,401	43,605	1945.....	3,689	522
1943.....	7,895	6,648	1946.....	7,035	564
1944.....	20,647	18,439	1947.....	19,396	746
1945.....	2,996	2,768	Total.....	68,071	4,122
1946.....	25,982	28,140			
1947.....	11	15	<b>Naval stores:</b>	<i>1,000 barrels</i>	
Total.....	1,239,574	723,192	1934-35 turpentine.....	161	3,821
			1934-35 rosin.....	370	2,955
<b>Cotton:</b>	<i>1,000 bales</i>		1938 turpentine.....	187	1,908
1933.....	1,926	99,498	1938 rosin.....	937	9,861
1934.....	4,632	282,644	1939 turpentine.....	122	1,213
1933-34 pool <sup>2</sup> .....		51,416	1939 rosin.....	668	7,603
1935.....	115	5,777	1940 turpentine.....	59	627
1937.....	5,581	243,275	1940 rosin.....	525	6,001
1938.....	4,482	205,329	1941 rosin.....	133	1,576
1939.....	30	1,324	1942 turpentine.....	152	4,177
1940.....	3,180	153,140	1942 rosin.....	346	5,438
1941.....	2,221	153,012	1943 turpentine.....		3
1942.....	3,143	290,762	1943 rosin.....	7	120
1943.....	3,594	342,424	1947 turpentine.....	52	1,590
1944.....	2,122	218,276	1947 rosin.....	3	84
1945.....	216	22,285	Total.....	3,722	46,977
1946.....	145	17,761			
1947.....	191	27,251	<b>Oats:</b>	<i>1,000 bushels</i>	
Total.....	31,578	2,114,174	1945.....	2,933	1,275
			1946.....	788	364
<b>Dates:</b>	<i>1,000 pounds</i>		1947.....	217	126
1937.....	1,533	61	Total.....	3,938	1,765
<b>Dry beans:</b>	<i>1,000 cwt.</i>				
1943.....	455.0	2,544			
1947.....	.2	1			
Total.....	455.2	2,545			

See footnotes at end of table.

## COMMODITY CREDIT CORPORATION LOANS

667

TABLE 743.—Commodity Credit Corporation: Total loans made, by crop years, from date of organization (1933) through Dec. 31, 1947<sup>1</sup>—Continued

Program	Quantities pledged	Face amount	Program	Quantities pledged	Face amount
	1,000 cwt.	1,000 dollars		1,000 tons	1,000 dollars
Dry peas:			Peanuts:		
1943.....	43	182	1937.....	86.3	5,267
1944.....	52	208	1938.....	121.4	7,035
Total.....	95	390	1939.....	13.1	817
	1,000 tons		1940.....	29.4	1,867
Figs:			1944.....	152.2	25,645
1937.....	4.2	84	1945.....	153.7	25,603
1938.....	7.4	125	1946.....	200.1	34,284
1939.....	3.0	51	1947.....	161.3	31,696
Total.....	14.6	260	Total.....	917.5	132,214
	1,000 cwt.			1,000 pounds	
Potatoes, Irish			Pecans: 1938.....	3,705	371
1943.....	4,367	6,895		1,000 lb.	
1944.....	5,679	7,506	Tobacco:		
1945.....	33,958	38,915	1931-35.....	69,755	8,635
1946.....	68,981	63,881	1937.....	5,627	934
1947.....	5,735	6,678	1938.....	708	35
Total.....	118,720	123,875	1939.....	18,314	2,731
	1,000 cwt.		1940.....	98,155	13,156
Potatoes, sweet:			1941.....	14,998	2,540
1943.....	63	130	1942.....	10,941	2,443
1945.....	9	13	1943.....	1,935	532
1946.....	5	7	1944.....	1,829	529
Total.....	77	150	1945.....	256,694	89,645
	1,000 tons		1946.....	224,266	90,536
Prunes:			Total.....	719,143	218,116
1937.....	56.1	2,357		1,000 bushels	
1938.....	22.8	397	Wheat:		
1940.....	91.1	5,383	1938.....	85,745	49,216
Total.....	170.0	8,137	1939.....	167,702	117,370
	1,000 tons		1940.....	278,430	200,629
Raisins:			1941.....	368,326	361,656
1937.....	22.6	1,245	1942.....	408,136	468,168
1938.....	105.5	2,688	1943.....	130,170	164,293
1940.....	109.2	5,146	1944.....	180,412	249,841
Total.....	237.3	9,079	1945.....	59,680	80,261
	1,000 bushels		1946.....	21,987	31,787
Rye:			1947.....	29,621	54,224
1939.....	1,500	567	Total.....	1,728,209	1,777,345
1940.....	4,247	1,619		1,000 pounds	
1941.....	2,449	1,224	Wool and mohair:		
1942.....	5,244	3,133	1938.....	83,088	14,916
1943.....	132	99	1939.....	10,890	1,914
1944.....	59	44	Total.....	93,978	16,830
1945.....	23	17		1,000 bushels	
Total.....	13,654	6,703	Other loan programs:		
	1,000 bushels		1942 Fiber flax facilities.....		917
Soybeans:			1942 Hempseed and harvest-equipment.....		36
1941.....	149	154	1942 Linseed oil.....		1,981
1942.....	3,641	5,526	1942 Peanut equipment and warehousing.....		3,643
1943.....	261	480	1943 American-Egyptian cotton seed.....		6
1944.....	79	165	1943 Foreign purchase facilities.....		3,387
1945.....	32	66	1943 Olive oil.....		457
1946.....	6,456	13,323	1943 Raisin producers Association.....		25
1947.....	2,904	5,957	1943 War hemp.....		28
Total.....	13,522	25,671	Total.....		10,480
			Grand total.....		5,296,580

<sup>1</sup> Includes loans made directly by Commodity Credit Corporation and loans made by banks and other lending agencies under Commodity Credit Corporation obligations to purchase. Renewals and extensions of loans previously made are excluded. <sup>2</sup> Partly estimated.

<sup>3</sup> Loans to the Cotton Producers Pool were second-lien advance on cotton in the pool. The 1933 advance was \$20 per 500-pound bale and the 1934 advance was an additional \$10 on cotton remaining in the pool. The number of bales involved is excluded from the quantities placed under loan.

Commodity Credit Corporation.



TABLE 744.—Commodity Credit Corporation: Loans made, by States, 1947, and cumulative, 1933-47 1

[illegible]



# COMMODITY CREDIT CORPORATION LOANS

669

	10	10	209	216	11	240	2,811	2,793
Delaware.....	3	756	769	3,041	7	31	5,232	5,270
Maryland.....		28	3,041			10	1,627	12,273
Virginia.....		28				101	101	101
West Virginia.....		28				103,867	175	165,960
North Carolina.....	100	1,306	97,045	3,192	12	48,710	4	83,820
South Carolina.....	1,007	1,007	1,007	83,805		83,805	11	83,820
Georgia.....	4,610	18,468	2,408	78,554		172,040	48,606	299,200
Florida.....	1	6,535	210	18,157		367	287	18,811
South Atlantic	13	5,718	26,725	104,271	31	307,329	12,665	581,267
Kentucky.....	224	37,512	1,016	104,271	733	2,118	4,130	74,108
Tennessee.....	1,009	15,476	38,117	60,966	2	65,916	2,601	113,706
Alabama.....	5,976	9,475	16,497	195,909	6,107	30,237	61	205,079
Mississippi.....	3,318	3,318	3,318	170,453		2	6	170,459
East South Central	224	10,303	3,409	447,328	733	2,120	6,622	563,352
Arkansas.....	3,558	8,544	67,407	195,344		16	40	195,400
Louisiana.....	4,554	8,544	13	81,423		14	14	81,437
Oklahoma.....	2,305	753	10,463	110,232	2,441	127,026	523	240,622
Texas.....	6,946	3,225	19,674	630,081	13,070	147,081	9,206	800,338
West South Central	13,363	4,018	34,262	1,017,080	16,811	274,123	9,783	1,317,797
Montana.....		113	1,825	650		142,635	1,586	144,571
Idaho.....		4,258	72	9,133		1,432	1,432	1,432
Wyoming.....		258	7,753	1,133		1,133	1,133	1,133
Colorado.....		1,258	18	3,973		38,291	796	43,091
New Mexico.....	2	584	3,909	20,337	2,025	8,443	1,304	32,009
Arizona.....	286	584	6	36,914		43	36,905	36,905
Utah.....		283	12	401		7,338	685	8,424
Nevada.....		21	21	139		2	141	141
Mountain	2	584	18,105	57,251	2,025	255,990	6,172	337,831
Washington.....		449	4,198	739		140,739	1,107	142,883
Oregon.....		824	5	2,493		80,627	2,572	80,627
California.....	4	655	715	1,338		75,523	23,448	101,781
Pacific	4	2,031	70,169	4,990		223,107	27,127	324,993
Unallocated.....	2,105	3,535	8	5,757		12,811	12	264,884
United States	28,155	32,160	34,926	123,875	25,671	1,777,345	181,993	5,266,960

\* This amount was advanced to producers in the fall of 1938, when an estimated 14,000,000 bushels of 1937 corn were placed under loan. A distribution by States is not available.

\* Includes the 1933 cotton loans of \$99,498,000, for which State data are not available.

Commodity Credit Corporation.

\* Includes loans made directly by the Commodity Credit Corporation and loans made by banks and other lending agencies under CCC obligations to purchaser. Renewals and extensions of loans previously made are excluded. As far as possible, loans have been distributed according to the location of producers receiving the loans. Direct loans to cooperative associations for the benefit of members have been distributed according to the location of the association.

TABLE 745.—Commodity Credit Corporation: Loans made, 1933-47, and loans outstanding, Dec. 31, 1947

Commodity or program	Unit of quantity	Total loans made 1933-47 <sup>1</sup>		Loans outstanding Dec. 31, 1947				Quantity of collateral remaining pledged
		Quantities pledged	Amount	Book value <sup>2</sup>				
				Held by CCO	Held by lending agencies	Total		
			1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars		
Barley.....	1,000 bu.	44,893	22,192	5	250	255	266	
Butter.....	1,000 lb.	127,166	32,156				12	
Corn.....	1,000 bu.	1,239,574	723,192	11	6	17	158	
Cotton.....	1,000 bales	31,578	2,114,174	835	21,537	22,372	12	
Dates.....	1,000 lb.	1,533	61					
Dry beans.....	1,000 cwt.	455	2,545		1	1		
Dry peas.....	1,000 cwt.	95	390					
Figs.....	1,000 tons.	14.6	260					
Fiber flax.....	1,000 lb.	1,504	735	359		359	750	
Flaxseed.....	1,000 bu.	3,595	9,129	149	1,909	2,058	430	
Grain sorghums.....	1,000 bu.	9,392	8,523		32	32	28	
Hops.....	1,000 lb.	7,077	1,388					
Miscellaneous seeds.....	1,000 lb.	68,071	4,122					
Naval stores:								
Rosin.....	1,000 bbl.	2,989	33,638	56		56	2	
Turpentine.....	1,000 bbl.	733	13,339	1,589		1,589	52	
Oats.....	1,000 bu.	3,938	1,765	8	106	114	198	
Peanuts.....	1,000 tons.	917.5	132,214	815	25,666	26,481	134	
Pecans.....	1,000 lb.	3,705	371					
Potatoes, Irish.....	1,000 cwt.	118,720	123,875	878	6,080	6,958	6,565	
Potatoes, sweet.....	1,000 cwt.	77	150					
Prunes.....	1,000 tons.	170	8,137					
Raisins.....	1,000 tons.	237.3	9,079					
Rye.....	1,000 bu.	13,654	6,703					
Soybeans.....	1,000 bu.	13,522	25,671		5,114	5,114	2,493	
Tobacco.....	1,000 lb.	719,143	218,116	175,854	166	176,020	463,478	
Wheat.....	1,000 bu.	1,728,209	1,777,345	607	37,484	38,091	20,812	
Wool and mohair.....	1,000 lb.	93,978	16,830					
Other loans.....			10,480					
Total.....			5,296,580	181,166	98,351	279,517		

<sup>1</sup> Includes loans made directly by Commodity Credit Corporation and loans made by banks and other lending agencies under Commodity Credit Corporation obligations to purchase. Renewals and extensions of loans previously made are excluded.

<sup>2</sup> Book values of outstanding loans include face amounts and any charges paid. Accrued charges are excluded.

Commodity Credit Corporation.

TABLE 746.—Commodity Credit Corporation: Inventory of commodities owned by the Corporation, Dec. 31, 1947

Commodity	Unit of quantity	Quantity <sup>1</sup>	Book value <sup>2</sup>
			Dollars
Cotton.....	Bales.....	50,643	7,521,484.61
Milk, dried.....	Pounds.....	13,053,364	1,161,552.17
Oilseeds and products.....			25,301,850.41
Potatoes, Irish.....	Pounds.....	177,584,100	4,535,649.13
Barley.....	Bushels.....	666,636	1,359,206.56
Grain sorghums.....	do.....	752,928	1,570,321.24
Oats.....	do.....	3,091,513	4,025,798.50
Seeds, various.....	Pounds.....	43,336,262	3,053,652.97
Wheat.....	Bushels.....	73,426,483	218,377,630.52
Wool.....	Pounds.....	341,749,116	193,761,079.99
Eggs, dried.....	do.....	30,276,291	38,205,413.53
Eggs, frozen.....	do.....	61,350,320	19,844,336.62
General supply program.....	do.....	399,851,667	30,466,834.98
Miscellaneous programs.....			841,813.69
Total.....			550,026,624.92

<sup>1</sup> Quantities include commodities committed for sale or otherwise obligated and thus do not represent the quantities available for sale or other disposition.

<sup>2</sup> Includes accrued charges.

Commodity Credit Corporation.

**TABLE 747.—Loan-program operations of the Commodity Credit Corporation: Loans made, settlement of loans, and loans outstanding, by commodities, year ended June 30, 1948**

Commodity	Loans outstanding at beginning of year	New loans made	Re-payments	Col-lateral acquired in settlement of loan	Loans written off <sup>1</sup>	Loans outstanding at end of year		
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
<b>Basic commodities:</b>								
Corn.....	17,025	1,576	17,660	—	19	18	904	922
Cotton.....	1,875	36,565	33,542	229	116	375	4,178	4,553
Peanuts.....	3,527	37,418	36,127	—	—	320	4,498	4,818
Tobacco.....	86,166	122,426	88,012	—	—	120,580	—	120,580
Wheat.....	954	63,763	56,726	2	24	1,382	6,583	7,965
<b>Total basic commodities.....</b>	<b>109,547</b>	<b>261,748</b>	<b>232,067</b>	<b>231</b>	<b>159</b>	<b>122,675</b>	<b>16,163</b>	<b>138,838</b>
<b>Other commodities:</b>								
Barley.....	56	322	351	—	1	26	—	26
Beans, dry, edible.....	—	6	6	—	—	—	—	—
Cotton, American Egyptian.....	208	123	116	208	—	5	2	7
Flax, fiber.....	527	710	567	3	667	—	—	667
Flaxseed.....	7	2,520	1,809	464	1	253	—	253
Naval stores:								
Rosin.....	—	2,216	85	—	2	2,129	—	2,129
Turpentine.....	26	2,615	163	1,482	96	900	—	900
Oats.....	58	141	187	—	1	11	—	11
Potatoes, Irish.....	10,007	10,210	19,572	—	224	421	—	421
Seeds, hay and pasture.....	11	—	11	—	—	—	—	—
Seeds, winter cover-crop.....	—	746	53	693	—	—	—	—
Sorghums, grain.....	1	85	86	—	—	—	—	—
Soybeans.....	947	7,247	7,165	—	—	2	1,027	1,029
<b>Total other commodities.....</b>	<b>11,848</b>	<b>26,941</b>	<b>29,593</b>	<b>3,425</b>	<b>328</b>	<b>4,414</b>	<b>1,029</b>	<b>5,443</b>
<b>Total all commodities.....</b>	<b>121,395</b>	<b>288,689</b>	<b>261,660</b>	<b>3,656</b>	<b>487</b>	<b>127,089</b>	<b>17,192</b>	<b>144,281</b>

<sup>1</sup> Includes transfers to accounts receivable. Commodity Credit Corporation.

**TABLE 748.—Purchase operations by the Commodity Credit Corporation: Cost of purchases of agricultural commodities for all purposes, years ended June 30, 1947 and 1948**

Commodity	Year ended June 30, 1947	Year ended June 30, 1948	Commodity	Year ended June 30, 1947	Year ended June 30, 1948
	1,000 dollars	1,000 dollars		1,000 dollars	1,000 dollars
<b>General commodity purchases.....</b>	<b>38,669</b>	<b>—</b>	Seeds, winter cover crop.....	1,641	—
<b>General supply purchases.....</b>	<b>455,841</b>	<b>332,332</b>	Sorghums, grain.....	3,434	8,960
<b>Domestic purchases:</b>			Soybeans.....	40,170	—
Animals, live.....	14,194	102	Sugar, Puerto Rican.....	74,366	54,420
Ammonium nitrate.....	200	409	Tobacco.....	51	1,543
Barley.....	21,261	27,677	Tung oil.....	—	1,772
Corn.....	105,941	10,403	Turkeys.....	555	112
Cotton.....	89,438	60,368	Vegetables, canned.....	331	—
Eggs.....	59,377	27,566	Wheat.....	423,035	823,316
Feed for Government facilities.....	124	275	Wool.....	162,218	96,497
Flax, fiber.....	—	3	Other.....	1,138	—
Flaxseed.....	—	61	<b>Total domestic purchases.....</b>	<b>1,067,280</b>	<b>1,303,315</b>
Fruit, dried.....	—	33,962	<b>Purchases in foreign countries:</b>		
Grapefruit juice.....	—	4,891	Beet seed.....	—	309
Hemp and hemp fiber.....	52	317	Fats and oils.....	64,762	3,759
Honey.....	—	638	Fish, Icelandic.....	—	967
Linseed oil.....	—	1,776	Meat, Mexican, canned.....	—	425
Meat, Mexican, canned.....	—	11,300	Rice.....	7,134	14,154
Milk and butterfat.....	11,470	8,332	Sugar.....	308,600	222,568
Oats.....	7,040	9,165	Other.....	1,548	—
Oils, vegetable.....	493	4,408	<b>Total purchases in foreign countries.....</b>	<b>382,044</b>	<b>242,182</b>
Peanuts.....	4,692	49,461	<b>Grand total.....</b>	<b>1,943,834</b>	<b>1,877,829</b>
Potatoes, Irish.....	46,957	62,220			
Potatoes, sweet.....	—	897			
Rye.....	2	2,589			
Seeds, hay and pasture.....	—	9			

<sup>1</sup> Deduct.

816939—49—43

Commodity Credit Corporation.

# CHAPTER X

## AGRICULTURAL CONSERVATION AND FORESTRY STATISTICS

Statistics in this chapter concern conservation of various resources, particularly soil, water, and timber. Also included are historical data on payments to farmers, as well as data on land use.

Included with forest service tables this year are several tables on turpentine and rosin, that were formerly in Chapter XI.

TABLE 749.—*Payments made to assist farmers carrying out conservation practices under the agricultural conservation program, by program years, 1936-1947*<sup>1</sup>

Program year	Payment	Program year	Payment	Program year	Payment
	<i>1,000 dollars</i>		<i>1,000 dollars</i>		<i>1,000 dollars</i>
1936.....	60,732	1940.....	116,008	1944.....	293,867
1937.....	90,791	1941.....	123,960	1945.....	231,068
1938.....	93,919	1942.....	<sup>2</sup> 168,087	1946.....	267,555
1939.....	117,078	1943.....	215,242	1947.....	<sup>3</sup> 244,892

<sup>1</sup> Includes payments under Naval Stores Program. Administrative expenses not included.

<sup>2</sup> Revised.

<sup>3</sup> Preliminary

Production and Marketing Administration. Data on parity payments, adjustment payments and other payments under agricultural conservation program in Agricultural Statistics 1946, table 705.

TABLE 750.—Number of farms, percentage of cropland on participating farms, payees, and payments under the 1946 agricultural conservation program, by States

State and division	Participating farms	Percentage of cropland covered <sup>1</sup>	Payees	Payments			
				Soil and range-building practices	Naval stores	Total gross payments	Average payment per payee
	Number	Percent	Number	1,000 dollars	1,000 dollars	1,000 dollars	Dollars
Maine.....	12,074	81.7	12,074	1,029	-----	1,029	85.17
New Hampshire.....	7,060	85.4	7,060	398	-----	398	56.47
Vermont.....	12,029	90.2	12,029	947	-----	947	78.69
Massachusetts.....	8,780	75.4	8,780	751	-----	751	85.52
Rhode Island.....	919	44.1	919	83	-----	83	90.79
Connecticut.....	5,457	75.3	5,462	556	-----	556	101.73
New York.....	74,680	74.0	75,175	6,622	-----	6,622	88.09
New Jersey.....	11,537	75.0	11,855	1,238	-----	1,238	104.47
Pennsylvania.....	84,938	72.7	92,567	5,748	-----	5,748	62.09
North Atlantic.....	217,454	74.6	225,921	17,372	-----	17,372	76.90
Ohio.....	137,636	70.6	175,890	9,616	-----	9,616	54.67
Indiana.....	122,759	72.8	152,619	6,509	-----	6,509	42.65
Illinois.....	154,529	74.9	185,192	12,257	-----	12,257	66.18
Michigan.....	114,879	70.2	145,746	8,079	-----	8,079	55.43
Wisconsin.....	135,973	78.2	146,646	9,852	-----	9,852	67.04
Minnesota.....	118,646	67.9	127,625	8,810	-----	8,810	69.03
Iowa.....	159,424	77.7	195,681	12,389	-----	12,389	63.31
Missouri.....	134,920	63.1	148,678	11,528	-----	11,528	77.53
North Dakota.....	47,805	76.2	49,221	6,422	-----	6,422	130.47
South Dakota.....	34,905	58.9	36,990	5,410	-----	5,410	146.25
Nebraska.....	93,294	69.9	113,377	10,612	-----	10,612	93.60
Kansas.....	64,003	60.6	78,685	10,021	-----	10,021	127.36
North Central.....	1,318,773	70.0	1,556,350	111,485	-----	111,485	71.63
Delaware.....	6,133	69.1	6,503	629	-----	629	92.41
Maryland.....	19,566	71.9	21,725	2,640	-----	2,640	121.51
Virginia.....	73,106	68.8	78,043	5,808	-----	5,808	74.42
West Virginia.....	33,519	60.5	33,524	2,560	-----	2,560	76.36
North Carolina.....	143,442	69.5	161,437	7,426	-----	7,426	45.97
South Carolina.....	49,023	63.9	50,898	2,673	4	2,677	52.60
Georgia.....	62,547	58.1	67,665	7,206	301	7,507	110.94
Florida.....	21,644	53.3	23,111	3,152	121	3,273	141.60
South Atlantic.....	408,980	64.0	443,306	32,094	426	32,520	73.36
Kentucky.....	137,622	81.4	143,592	11,696	-----	11,696	81.45
Tennessee.....	100,477	67.9	101,382	7,261	-----	7,261	71.48
Alabama.....	67,249	57.9	74,150	4,934	30	4,964	66.95
Mississippi.....	57,166	58.8	59,035	6,624	11	6,635	112.39
Arkansas.....	74,518	63.2	81,576	6,046	-----	6,046	74.11
Louisiana.....	31,273	52.0	33,675	3,703	2	3,705	110.03
Oklahoma.....	66,541	45.8	70,080	8,523	-----	8,523	121.62
Texas.....	141,865	53.1	152,498	21,703	-----	21,703	142.32
South Central.....	676,711	57.8	716,188	70,490	43	70,533	98.48
Montana.....	17,628	66.4	18,523	4,513	-----	4,513	243.08
Idaho.....	17,941	66.8	21,119	3,060	-----	3,060	144.89
Wyoming.....	7,161	75.5	7,515	2,431	-----	2,431	323.49
Colorado.....	21,759	73.6	24,296	4,260	-----	4,260	175.35
New Mexico.....	11,148	73.4	12,172	3,538	-----	3,538	290.67
Arizona.....	2,712	60.2	3,005	2,185	-----	2,185	727.00
Utah.....	11,645	71.6	11,962	1,677	-----	1,677	140.21
Nevada.....	1,263	64.8	1,292	397	-----	397	307.06
Washington.....	20,994	76.6	21,563	3,167	-----	3,167	146.85
Oregon.....	17,423	55.7	17,883	3,157	-----	3,157	176.55
California.....	27,613	43.4	27,869	6,390	-----	6,390	229.30
Western.....	157,287	64.6	167,199	34,775	-----	34,775	207.99
Alaska.....	109	45.5	111	11	-----	11	94.16
Hawaii.....	1,189	43.2	1,189	94	-----	94	79.15
Puerto Rico.....	68,787	90.2	94,867	765	-----	765	8.06
Insular.....	70,085	78.2	96,167	870	-----	870	9.04
Total.....	2,849,290	66.1	3,205,131	267,066	469	267,555	83.48

<sup>1</sup> Cropland on participating farms as percentage of total cropland acreage in State.  
Production and Marketing Administration.





TABLE 752.—Selected soil-building and range-building practices carried out under the 1946 agricultural conservation program, by States<sup>1</sup>

State and division	Application of materials					Deferred grazing	Grazing land management	Re-seeding pasture land
	Ground limestone or equivalent	20-percent super-phosphate or equivalent	50-percent muriate potash or equivalent	Gypsum (18-percent sulphur)	Mulching			
	Tons	Tons	Tons	Tons	Tons	Acres	Acres	Acres
Maine.....	93,024	16,803	2,799	.....	4,826	.....	.....	.....
New Hampshire.....	47,151	10,311	810	.....	.....	.....	.....	222
Vermont.....	85,254	30,596	2,127	.....	1,177	.....	.....	.....
Massachusetts.....	78,950	14,535	2,398	.....	5,387	.....	.....	.....
Rhode Island.....	8,690	2,254	71	.....	.....	.....	.....	.....
Connecticut.....	84,425	9,204	1,250	.....	29,099	.....	.....	26,192
New York.....	901,086	142,795	1,096	.....	3,277	.....	.....	2,376
New Jersey.....	206,607	25,240	3,768	.....	.....	.....	.....	.....
Pennsylvania.....	1,257,489	58,781	.....	.....	.....	.....	.....	.....
North Atlantic.....	2,762,676	310,519	14,229	.....	43,766	.....	.....	28,790
Ohio.....	1,931,263	141,706	24,538	.....	11,162	.....	.....	12,390
Indiana.....	2,548,061	112,466	20,890	.....	1,990	.....	.....	13,876
Illinois.....	4,774,935	228,127	5,761	.....	404	.....	.....	3,253
Michigan.....	970,402	132,150	18,474	.....	16,385	.....	.....	4,591
Wisconsin.....	2,242,448	117,436	22,822	.....	.....	.....	.....	63,703
Minnesota.....	321,424	63,161	1,720	1,650	1,107	.....	.....	59,236
Iowa.....	3,190,420	94,702	2,306	.....	.....	.....	.....	32,997
Missouri.....	2,837,127	106,366	4,618	.....	.....	.....	.....	.....
North Dakota.....	.....	1,080	.....	.....	.....	198,573	2,556,004	54,573
South Dakota.....	.....	543	20	.....	.....	1,595,281	.....	188,869
Nebraska.....	.....	.....	.....	.....	268	(2)	2,801,060	270,152
Kansas.....	916,363	18,113	.....	.....	.....	.....	.....	21,725
North Central.....	19,732,643	1,015,850	101,149	1,650	31,325	1,793,854	5,357,064	731,367
Delaware.....	84,124	2,773	413	.....	.....	.....	.....	1,724
Maryland.....	399,734	24,702	2,208	.....	.....	.....	.....	13,868
Virginia.....	949,740	142,824	2,582	.....	.....	.....	.....	.....
West Virginia.....	529,171	42,356	.....	.....	.....	.....	.....	79,459
North Carolina.....	586,360	71,031	3,434	.....	.....	.....	.....	17,803
South Carolina.....	107,893	43,184	1,134	.....	.....	.....	.....	257,832
Georgia.....	249,963	119,541	7,047	.....	.....	.....	.....	35,946
Florida.....	85,559	104,628	1,725	.....	975	.....	.....	.....
South Atlantic.....	2,092,544	551,039	18,543	.....	975	.....	.....	406,632
Kentucky.....	956,390	131,244	1,556	.....	.....	.....	.....	894,766
Tennessee.....	888,438	126,222	1,406	.....	.....	.....	.....	26,712
Alabama.....	96,401	126,396	1,619	.....	.....	.....	.....	113,177
Mississippi.....	254,975	109,802	402	.....	.....	.....	.....	139,450
Arkansas.....	149,759	35,616	769	.....	.....	.....	.....	101,928
Louisiana.....	96,337	37,587	591	.....	.....	.....	.....	227,405
Oklahoma.....	431,387	16,839	.....	.....	.....	245,277	.....	315,753
Texas.....	102,138	101,536	504	61,531	.....	1,178,358	.....	715,206
South Central.....	2,975,825	685,242	6,847	61,531	.....	1,423,635	.....	2,534,397
Montana.....	122	7,357	.....	1,062	.....	(2)	19,263,476	70,878
Idaho.....	.....	19,557	.....	6,901	558	(2)	2,955,144	29,655
Wyoming.....	12,322	2,375	.....	1,489	.....	(2)	14,467,020	89,033
Colorado.....	.....	12,006	86	2,027	662	(2)	5,627,107	112,860
New Mexico.....	.....	10,232	.....	747	.....	(2)	12,221,246	11,294
Arizona.....	.....	5,835	.....	21,632	.....	(2)	14,932,617	18,001
Utah.....	.....	7,776	.....	.....	669	(2)	5,770,900	38,202
Nevada.....	.....	591	.....	.....	.....	(2)	2,270,673	6,832
Washington.....	28,638	20,155	1,491	6,649	39,801	(2)	3,000,373	146,278
Oregon.....	42,492	13,179	.....	19,333	4,940	(2)	5,158,205	107,147
California.....	28,946	43,322	.....	158,729	24,423	(2)	3,824,716	97,449
Western.....	112,520	142,485	1,577	218,569	71,053	.....	89,491,477	727,629
Total.....	28,576,208	2,705,135	142,345	281,750	147,119	* 3,217,489	94,848,541	4,428,815

<sup>1</sup> Payment for these practices represents 85 percent of the amount paid for all conservation practices under the 1946 program. Conservation practices were also carried out under the 1946 program in Alaska, Hawaii, and Puerto Rico, although no data are shown here for these Territories.

<sup>2</sup> Included as part of grazing land management practices.

\* Incomplete to extent indicated in footnote 2.

(Tabulation continued on next page).



TABLE 752.—Selected soil-building and range-building practices carried out under the 1946 agricultural conservation program, by States<sup>1</sup>—Continued

State and division	Developing natural watering places	Reservoirs and dams <sup>4</sup>	Wells	Eradication of competitive plants on non-crop pasture and range land	Green manure and cover crops	Strip-cropping		Protecting summer fallow
						On contour	Field	
	Number	Number	Number	Acres	Acres	Acres	Acres	Acres
Maine.....					1,585	3,244		
New Hampshire.....								
Vermont.....								
Massachusetts.....					29,452	91		
Rhode Island.....					3,535			
Connecticut.....					30,552			
New York.....		167			137,495	7,517		
New Jersey.....					226,216	3,019		
Pennsylvania.....		20			93,176	23,419		
North Atlantic.....		187			522,011	37,290		
Ohio.....		557			267,173	27,195	19,249	
Indiana.....		1,063			163,947	1,150	766	
Illinois.....		212			490,480	7,891		
Michigan.....					457,942		5,447	
Wisconsin.....		700			128,292	219,695	205,053	
Minnesota.....					782,891	91,321	212,217	206,185
Iowa.....		16,275			1,524,183	29,404		
Missouri.....		10,622			277,668			
North Dakota.....	102	1,206	399		15,715	20,323	1,046,710	3,072,037
South Dakota.....	298	7,980	505		287,811	75,037	320,816	170,971
Nebraska.....		18,092	1,234		874,069	1,443	478,353	1,273,926
Kansas.....	36	2,768	642		274,374	13,471	41,908	3,114,798
North Central.....	436	59,475	2,780		5,484,445	486,930	2,340,519	7,837,917
Delaware.....					65,771			
Maryland.....					143,336	8,601		
Virginia.....					305,108	6,694		
West Virginia.....					7,619	2,521		
North Carolina.....		116			1,784,273	3,036		
South Carolina.....					680,170			
Georgia.....		167			1,174,631			
Florida.....					305,088			
South Atlantic.....		283			4,445,996	20,852		
Kentucky.....		1,886			1,161,407			
Tennessee.....		1,533			732,969			
Alabama.....		353			769,852			
Mississippi.....		7,551			743,782			
Arkansas.....	109	3,951			1,337,100			
Louisiana.....		479			521,232			
Oklahoma.....		15,764	690	7,940	410,724	1,350	19,312	223,074
Texas.....		17,979	3,133	1,371,314	1,297,242	17,752	38,390	575,890
South Central.....	199	49,496	3,823	1,379,254	6,974,308	19,102	57,702	798,964
Montana.....	420	3,171	817		30,263	22,726	3,188,272	368,565
Idaho.....	51	162	6		67,916	205	116	439,026
Wyoming.....	139	2,847	562		20,969	1,672	245,840	39,549
Colorado.....	269	1,580	724		47,864	7,045	209,694	1,461,336
New Mexico.....	130	4,744	635		6,086	2,991	26,323	425,498
Arizona.....	122	1,051	113		39,157	819		
Utah.....	79	1,632	38	17,509	7,822			197,667
Nevada.....	11	39	20		815			
Washington.....	65	37	12		66,757			1,639,741
Oregon.....	133	725	28		90,775	906	509	401,438
California.....	422	631	131		486,235	8,342	25,985	438,184
Western.....	1,841	16,619	3,086	17,509	855,659	44,706	3,696,739	5,411,004
Total.....	2,476	126,060	9,689	1,396,763	18,282,419	608,880	6,094,960	14,047,885

<sup>4</sup> Includes 86,982 reservoirs to obtain better distribution of livestock, 88,151 erosion-control reservoirs, and 927 reservoirs for irrigation water.

(Tabulation continued on next page).

TABLE 752.—Selected soil-building and range-building practices carried out under the 1946 agricultural conservation program, by States<sup>1</sup>—Continued

State and division	Establishing sod waterways	Terracing	Contour farming intertilled crops	Contour farming drilled crops	Leaving stalks for wind erosion protection	Tillage for erosion control <sup>2</sup>	Open farm drainage ditches	Harvesting legume and grass seeds
	Acres	Acres	Acres	Acres	Acres	Acres	Linear feet	Acres
Maine.....	94	4	4,887	2,151				
New Hampshire.....								
Vermont.....								
Massachusetts.....	2	45	52	15			180,018	
Rhode Island.....								
Connecticut.....								
New York.....	45	35					2,941,439	13,049
New Jersey.....	27		2,250				21,789	
Pennsylvania.....	26							45,003
North Atlantic.....	194	84	7,198	2,166			3,143,246	58,052
Ohio.....	500	74	7,090	4,869			1,142,361	317,031
Indiana.....	855	3,465	39,137	32,935			8,358,430	256,977
Illinois.....	1,007	798	110,938	49,474			293,717	183,922
Michigan.....	17		99,037	126,583			22,100,507	
Wisconsin.....	6,655	732	48,447	45,739			5,000,000	
Minnesota.....	1,701	1,852	19,035	37,272			10,158,154	263,201
Iowa.....	3,118	31,103	830,615	321,708			10,694,780	145,798
Missouri.....	1,214	37,334	282,959	140,405			2,451,317	179,883
North Dakota.....	58		1,151	2,245			4,128,574	60,021
South Dakota.....	1,495	5,672	154,229	288,821			3,397,638	62,561
Nebraska.....	9,793	105,290	765,588	359,561			39,144	133,543
Kansas.....	1,677	115,805	193,161	314,527	526,037	1,544	1,634,819	370,415
North Central.....	28,070	302,125	2,551,396	1,724,169	526,037	48,475	72,954,697	1,973,652
Delaware.....							258,000	1,872
Maryland.....			6,083				1,731,869	
Virginia.....	139	3,250					50,000	6,856
West Virginia.....			15,634	1,418			3,988,992	6,832
North Carolina.....	598	45,764					4,483,813	77,759
South Carolina.....	837	108,453	3,537				1,744,340	8,426
Georgia.....		3,291					1,453,247	
Florida.....								
South Atlantic.....	1,574	186,324	25,254	1,418			9,708,261	103,074
Kentucky.....	50	3,051	30,496				1,441,360	29,762
Tennessee.....	14	35,442	1,375				1,350,484	20,516
Alabama.....		62,413					1,010,562	
Mississippi.....	11	79,202					11,207,980	40,131
Arkansas.....	70	12,011	272,197			635	15,620,773	43,417
Louisiana.....		29,467					29,414,757	
Oklahoma.....	416	215,616	525,798	616,567	144,893	943,239		
Texas.....	248	622,810	3,046,853	918,605	1,084,900	1,175,713	2,969,438	28,167
South Central.....	809	1,060,912	3,876,719	1,535,172	1,229,793	2,119,587	61,015,354	161,993
Montana.....	96	74		446			1,309,270	102,949
Idaho.....	42	385	672	9,790			832,859	89,299
Wyoming.....	2		267	1,353		47,894	594,710	13,963
Colorado.....	1	2,264	59,604	41,054	429,551	109,583	868,134	29,649
New Mexico.....		7,147	190,144	267,676	291,756	607,926	210,161	13,988
Arizona.....		520	1,707	94		1,920	370,165	38,314
Utah.....	4	527		23,862		2,162	967,647	44,925
Nevada.....							331,533	1,359
Washington.....	196						2,015,993	10,588
Oregon.....	58		81,664				2,976,850	32,990
California.....	8	1,322	2,026	11,293		75	1,387,321	23,212
Western.....	407	12,239	254,420	437,232	721,307	769,629	11,584,643	401,266
Total.....	31,054	1,561,684	6,714,987	3,700,157	2,477,137	2,937,691	158,406,201	2,698,937

Footnotes 1 to 4 inclusive appear on preceding pages.

<sup>2</sup> Includes contour tillage and ridging on noncrop pasture and contour tillage operation on cropland to prevent erosion.

Production and Marketing Administration.

TABLE 753.—*Sugar-beet programs, Sugar Act of 1937, as amended: Payments to producers, by States, 1946 and 1947, and United States totals, 1937-47*

State	Number of producers (payees)		Payments on sugar beets produced		Abandonment and deficiency payments		Total payments	
	1946 <sup>1</sup>	1947 <sup>2</sup>	1946 <sup>1</sup>	1947 <sup>2</sup>	1946 <sup>1</sup>	1947 <sup>2</sup>	1946 <sup>1</sup>	1947 <sup>2</sup>
	Number	Number	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
California.....	2,360	2,500	5,833	7,735	222	265	6,055	8,000
Colorado.....	12,242	12,170	4,300	6,146	440	90	4,740	6,236
Idaho.....	7,996	9,760	3,086	4,451	85	79	3,171	4,530
Kansas.....	304	332	157	217	13	8	170	225
Michigan.....	10,333	8,112	2,268	1,063	87	304	2,355	1,367
Minnesota.....	903	883	1,001	754	24	72	1,025	826
Montana.....	3,904	3,904	2,180	2,322	145	95	2,325	2,417
Nebraska.....	4,410	4,858	1,877	1,926	74	159	1,951	2,085
North Dakota.....	450	476	424	385	16	39	440	424
Ohio.....	3,694	3,138	636	346	39	113	675	459
Oregon.....	1,113	1,288	831	1,310	13	18	844	1,328
South Dakota.....	381	350	184	136	10	9	194	145
Utah.....	5,461	5,446	1,285	1,788	82	15	1,367	1,803
Washington.....	693	750	762	873	18	20	780	893
Wisconsin.....	2,231	2,423	342	380	17	32	359	412
Wyoming.....	2,268	2,205	1,036	1,167	58	29	1,094	1,196
Other States.....	604	700	184	250	6	53	190	303
Total.....	59,347	59,295	26,386	31,249	1,349	1,400	27,735	32,649
Total:								
1937.....	64,887		18,272		858		17,130	
1938.....	77,489		21,383		733		22,126	
1939.....	78,647		20,452		912		21,364	
1940.....	74,748		22,474		783		23,257	
1941.....	67,197		18,662		427		19,089	
1942.....	78,038		27,811		2,028		29,839	
1943.....	50,372		16,379		1,234		17,613	
1944.....	50,106		17,431		1,201		18,632	
1945.....	55,306		21,627		1,304		22,931	

<sup>1</sup> Revised.<sup>2</sup> Estimated.

Production and Marketing Administration.

TABLE 754.—*Sugarcane programs, Sugar Act of 1937, as amended: Payments to producers, 1937-47*

Program year and item	Florida	Louisiana	Total mainland	Hawaii	Puerto Rico	Virgin Islands <sup>1</sup>	Total Insular	Grand total
1937:								
Producers (payees).....number.....	15	16,572	16,587	1,071	9,471	-----	10,542	27,129
Payments.....1,000 dollars.....	487	4,869	5,356	4,175	9,500	-----	13,675	19,031
1938:								
Producers (payees).....number.....	25	16,901	16,926	2,097	11,580	-----	13,677	30,603
Payments.....1,000 dollars.....	748	5,564	6,312	8,594	8,871	-----	17,465	23,777
1939:								
Producers (payees).....number.....	27	17,701	17,728	2,062	11,807	-----	13,869	31,597
Payments.....1,000 dollars.....	593	4,856	5,449	8,975	10,618	-----	19,593	25,042
1940:								
Producers (payees).....number.....	40	15,635	15,675	2,085	12,096	-----	14,181	29,856
Payments.....1,000 dollars.....	637	3,251	3,888	8,851	9,567	-----	18,418	22,306
1941:								
Producers (payees).....number.....	40	14,509	14,549	1,898	13,840	-----	15,738	30,287
Payments.....1,000 dollars.....	613	3,949	4,562	8,594	11,232	-----	19,826	24,388
1942:								
Producers (payees).....number.....	36	14,329	14,365	1,796	13,778	780	16,354	36,719
Payments.....1,000 dollars.....	709	6,252	6,961	8,148	13,123	26	21,297	28,258
1943:								
Producers (payees).....number.....	34	13,439	13,473	1,840	13,750	692	16,282	29,755
Payments.....1,000 dollars.....	701	6,088	7,389	8,251	12,040	46	20,337	27,726
1944:								
Producers (payees).....number.....	35	12,251	12,286	1,850	14,000	602	16,452	28,738
Payments.....1,000 dollars.....	740	6,000	6,740	8,211	12,000	41	20,352	27,092
1945:								
Producers (payees).....number.....	21	10,344	10,365	1,600	13,000	525	15,125	25,490
Payments.....1,000 dollars.....	837	6,011	6,848	7,796	13,200	57	21,053	27,901
1946:								
Producers (payees).....number.....	27	10,151	10,178	1,045	13,437	512	14,994	25,172
Payments.....1,000 dollars.....	839	5,698	6,537	6,574	15,061	67	21,702	28,239
1947: <sup>2</sup>								
Producers (payees).....number.....	25	9,605	9,630	1,467	14,000	534	16,601	25,631
Payments.....1,000 dollars.....	826	5,435	6,261	8,109	16,000	44	24,153	30,414

<sup>1</sup> 1942 is the first year Virgin Islands was included in program.<sup>2</sup> Estimated.

Production and Marketing Administration.

TABLE 755.—*Dates of State soil conservation district laws, number of districts organized, approximate total area, number of farms, land in farms, and districts having memorandums of understanding with the United States Department of Agriculture, cumulative to Dec. 31, 1947*

Division and State or Territory	Date district law became effective	Districts organized <sup>1</sup>	Approximate area and farms within organized districts			Districts having memorandums of understanding with U.S.D.A. <sup>2</sup>
			Total area	Farms (and ranches)	Land in farms	
<b>New England:</b>						
Maine.....	Mar. 25, 1941	13	13,411,460	35,605	3,681,613	13
New Hampshire.....	May 10, 1945	10	5,775,360	18,786	2,017,049	10
Vermont.....	Apr. 18, 1939	13	5,931,392	26,490	3,930,514	13
Massachusetts.....	June 28, 1945	14	5,000,960	35,003	2,071,422	12
Rhode Island.....	Apr. 26, 1943	3	677,120	3,603	264,734	3
Connecticut.....	July 18, 1945	7	2,535,040	20,372	1,272,988	7
<b>Middle Atlantic:</b>						
New York.....	July 20, 1940	35	16,842,240	99,471	11,893,772	30
New Jersey.....	July 1, 1937	7	4,719,360	27,729	1,811,200	7
Pennsylvania.....	July 2, 1937	20	8,195,137	51,135	4,571,017	14
<b>East North Central:</b>						
Ohio.....	June 5, 1941	64	18,517,400	165,460	15,947,758	60
Indiana.....	Mar. 11, 1937	40	9,151,725	77,863	8,203,086	36
Illinois.....	July 9, 1937	84	27,504,177	190,244	26,085,247	80
Michigan.....	July 23, 1937	39	12,053,853	91,901	8,743,373	39
Wisconsin.....	July 1, 1937	55	28,263,040	173,065	20,940,486	47
<b>West North Central:</b>						
Minnesota.....	Apr. 26, 1937	33	9,606,743	61,282	9,457,198	32
Iowa.....	July 4, 1939	89	30,479,510	191,718	30,412,557	86
Missouri.....	July 23, 1943	19	6,421,245	44,762	6,408,452	19
North Dakota.....	Mar. 16, 1937	67	31,704,157	54,525	28,121,576	66
South Dakota.....	July 1, 1937	44	20,631,955	41,747	20,631,955	41
Nebraska.....	May 18, 1937	82	41,035,417	108,949	40,174,281	73
Kansas.....	Apr. 10, 1937	79	39,669,760	115,460	37,472,412	78
<b>South Atlantic:</b>						
Delaware.....	Apr. 2, 1943	3	1,265,920	9,296	923,350	3
Maryland.....	June 1, 1937	22	5,958,400	39,432	3,946,857	22
Virginia.....	Apr. 1, 1938	22	21,646,080	140,535	13,795,374	22
West Virginia.....	June 12, 1939	14	12,481,830	81,734	7,597,309	13
North Carolina.....	Mar. 22, 1937	22	27,295,960	251,105	16,758,662	22
South Carolina.....	Apr. 17, 1937	26	19,580,160	147,745	11,021,623	26
Georgia.....	Mar. 23, 1937	24	35,758,912	216,736	22,931,090	24
Florida.....	June 10, 1937	42	21,584,671	50,003	9,487,128	37
<b>East South Central:</b>						
Kentucky.....	June 11, 1940	91	18,294,160	170,884	14,601,363	91
Tennessee.....	Mar. 10, 1939	31	8,707,840	93,187	6,878,206	30
Alabama.....	Mar. 18, 1939	12	32,030,920	223,369	19,067,844	12
Mississippi.....	Apr. 4, 1938	68	28,257,232	242,108	18,396,007	65
<b>West South Central:</b>						
Arkansas.....	July 1, 1937	52	29,291,000	159,310	14,650,794	51
Louisiana.....	July 27, 1938	25	26,653,500	125,847	9,804,899	22
Oklahoma.....	Apr. 15, 1937	77	41,359,700	159,295	33,139,506	76
Texas <sup>3</sup> .....	Apr. 24, 1939	143	126,919,100	331,823	103,097,377	121
<b>Mountain:</b>						
Montana <sup>4</sup> .....	Feb. 28, 1939	63	51,548,033	25,126	33,799,542	56
Idaho.....	Mar. 9, 1939	22	14,088,151	17,822	5,739,074	21
Wyoming.....	May 22, 1941	29	22,501,600	6,483	7,986,861	27
Colorado.....	May 6, 1937	74	26,128,802	27,436	16,892,341	68
New Mexico.....	Mar. 17, 1937	58	49,214,733	25,350	35,919,301	56
Arizona.....	June 16, 1941	41	882,865	6,590	882,865	41
Utah.....	Mar. 23, 1937	39	38,971,160	22,471	9,794,215	36
Nevada.....	Mar. 30, 1937	12	17,884,184	1,030	1,265,062	12
<b>Pacific:</b>						
Washington.....	Mar. 17, 1939	43	20,771,930	52,364	9,343,484	40
Oregon.....	Apr. 7, 1939	24	4,921,977	6,609	3,238,043	22
California <sup>5</sup> .....	June 26, 1938	48	7,592,048	34,384	5,263,623	47
Total.....		1,944	1,050,376,919	4,303,244	720,334,490	1,829
<b>Territorial:</b>						
Puerto Rico.....	July 1, 1946	17	1,885,601	55,508	1,885,601	17
Virgin Islands.....	June, 1947	2	85,120	1,150	85,120	2
Hawaii.....	May 19, 1947					
Alaska.....	Mar. 25, 1947					
Grand total.....		1,963	1,052,347,640	4,359,902	722,305,211	1,848

<sup>1</sup> For specific procedure on organization of soil conservation districts, reference should be made to each of the respective State soil conservation district's laws.

<sup>2</sup> Upon request, the United States Department of Agriculture enters into memorandums of understanding with districts for such assistance from departmental agencies as may be available.

<sup>3</sup> Includes 10 wind-erosion districts.

<sup>4</sup> Includes 21 State cooperative grazing districts.

<sup>5</sup> Includes the Imperial Irrigation District.

Soil Conservation Service.

TABLE 756.—*Growth of soil conservation districts and other districts being assisted by the Soil Conservation Service, by calendar years, to Dec. 31, 1947*

Year	Districts organized		Total area in districts		Approximate land in farms within districts	
	Each year	Cumulative total	New districts and additions	Cumulative total	Added each year	Cumulative total
	Number	Number	Acres	Acres	Acres	Acres
1937.....	13	13	8,002,022	8,002,022	5,446,646	5,446,646
1938.....	96	109	51,037,951	59,039,973	30,179,782	35,626,428
1939.....	108	217	60,450,905	119,490,878	43,078,781	78,705,209
1940.....	212	429	147,584,445	267,075,323	96,706,117	175,411,326
1941 <sup>1</sup> .....	224	653	115,553,677	382,629,000	80,571,694	255,983,020
1942 <sup>1</sup> .....	173	826	96,500,000	479,129,000	53,556,915	309,539,935
1943 <sup>2</sup> .....	177	1,003	86,750,000	565,879,000	57,674,893	367,214,828
1944 <sup>3</sup> .....	218	1,221	109,298,084	675,177,084	76,494,708	443,709,626
1945 <sup>3</sup> .....	241	1,462	127,419,434	802,596,518	79,130,967	522,830,593
1946 <sup>3</sup> .....	294	1,756	143,216,060	945,812,578	94,928,648	617,759,241
1947 <sup>3</sup> .....	207	1,963	106,535,062	1,052,347,640	104,545,970	722,305,211

<sup>1</sup> Includes wind-erosion districts.<sup>2</sup> Includes wind-erosion districts and grazing districts.<sup>3</sup> Includes wind-erosion districts, grazing districts, and Imperial Irrigation District (California).<sup>4</sup> Adjusted to the 1945 Census of Agriculture.

Soil Conservation Service. Totals at the end of each year are net, including corrections and adjustments made during the year.

TABLE 757.—*Land use at the time of planning and planned use of area covered by active conservation plans in soil conservation districts as of Dec. 31, 1947*<sup>1</sup>

Land use	Acreage at time of planning	Planned use of same acreage							
		Cultivated land	Per- manent hay	Orchard and vine- yard	Pasture or range	Forest range	Wood- land	Wild- life	Miscel- laneous
	Acres	Acres	Acres	Acres	Acres	Acres	Acres	Acres	Acres
Cultivated land.....	54,333,670	47,068,784	2,571,578	100,788	4,367,978	45,948	170,450	48,912	22,232
Permanent hay.....	2,465,968	125,985	2,168,081	5,928	157,111	1,482	4,446	1,482	1,483
Orchard and vineyard.....	832,984	29,644	28,161	681,053	148,218	1,482	2,700	174	1,482
Pasture or range.....	56,026,318	575,085	281,614	96,342,54	548,658	232,702	251,970	34,090	11,857
Forest range.....	10,109,934	152,664	57,806	17,786	2,713,867	5,458,860	1,674,860	28,162	5,929
Woodland.....	16,006,450	289,024	77,073	16,304	923,398	444,653	14,288,264	54,841	8,893
Wildlife.....	332,008	5,929	2,680	285	14,378	443	14,821	291,990	1,482
Idle land.....	4,707,396	1,126,455	924,879	41,501	1,837,900	48,912	453,546	203,058	71,145
Miscellaneous.....	3,323,042	45,948	23,715	4,446	109,681	7,411	32,608	45,948	3,063,285
Total.....	148,217,770	49,356,518	6,125,557	904,413	64,815,189	6,241,893	16,887,755	708,657	3,177,788
Net change, acres.....		-4,977,152	+3,069,589	+71,429	+8,788,871	-3,868,041	+791,305	+376,649	-145,254
Net change, percent.....		-9.16%	+149.41%	+8.58%	+15.69%	-38.26%	+4.92%	+113.45%	-4.37%

<sup>1</sup> The acreage at time of planning by land use adds vertically to give the total acres in 529,951 active conservation plans. The planned use of those same acres by land use are shown horizontally across the table.

Soil Conservation Service.

TABLE 758.—*Soil conservation surveys of the Soil Conservation Service within soil conservation districts, 1947, and total acreage mapped*

Division and State or Territory	Soil conservation surveys for farm planning		Reconnaissance soil conservation surveys	
	Work during 1947	Total to date	Work during 1947	Total to date
	<i>Acrea</i>	<i>Acrea</i>	<i>Acrea</i>	<i>Acrea</i>
New England:				
Maine.....	170,528	1,585,825		
New Hampshire.....	108,363	467,092		
Vermont.....	141,466	1,192,008		
Massachusetts.....	67,656	148,320		
Rhode Island.....	51,691	185,502		
Connecticut.....	50,609	126,947		
Middle Atlantic:				
New York.....	437,411	6,240,140		
New Jersey.....	157,930	2,083,796		
Pennsylvania.....	215,178	1,781,726		
East North Central:				
Ohio.....	565,226	3,798,921		
Indiana.....	390,122	1,815,988		558,080
Illinois.....	904,746	7,953,975		
Michigan.....	289,294	1,967,666		
Wisconsin.....	579,314	7,072,823		915,140
West North Central:				
Minnesota.....	503,352	4,048,766		1,281,440
Iowa.....	968,355	6,503,670		1,928,845
Missouri.....	304,984	1,891,904		172,800
North Dakota.....	625,254	4,787,889	2,164,480	22,760,532
South Dakota.....	1,039,799	9,568,469		16,916,487
Nebraska.....	785,963	5,860,493		49,057,920
Kansas.....	389,255	4,967,255		52,552,320
South Atlantic:				
Delaware.....	49,448	304,181		
Maryland.....	144,724	3,591,458		
Virginia.....	1,047,890	6,229,630		836,312
West Virginia.....	821,615	4,144,187		
North Carolina.....	854,068	8,967,197		231,040
South Carolina.....	1,022,495	9,561,196	1,349,120	6,891,935
Georgia.....	2,122,346	19,035,949		3,038,720
Florida.....	1,139,887	5,600,172	36,000	1,305,020
East South Central:				
Kentucky.....	1,165,315	4,107,558		32,968
Tennessee.....	664,712	4,547,919		
Alabama.....	1,681,660	11,902,372		2,180,700
Mississippi.....	1,523,078	9,306,263		523,880
West North Central:				
Arkansas.....	877,806	12,141,339		
Louisiana.....	549,740	6,177,740		
Oklahoma.....	1,195,614	21,260,201		
Texas.....	3,015,336	33,190,282		
Mountain:				
Montana.....	218,369	3,301,388		
Idaho.....	191,413	3,391,330		
Wyoming.....	81,774	678,217		2,254,593
Colorado.....	208,838	4,716,687		
New Mexico.....	59,788	8,068,442		
Arizona.....	63,683	339,339		
Utah.....	83,193	2,995,282		
Nevada.....	46,479	2,613,838		
Pacific:				
Washington.....	833,583	4,044,445		
Oregon.....	262,206	1,394,388	222,206	222,206
California.....	394,226	2,516,040	239,902	575,902
Total.....	29,033,272	267,876,199	4,011,708	163,937,840
Territorial: Puerto Rico.....	75,772	396,360		289,263
Grand total.....	29,109,044	268,272,559	4,011,708	164,227,103

Soil Conservation Service.



TABLE 759.—*Conservation practices planned and applied through farmer district cooperation, with Soil Conservation Service assistance, by States, cumulative as of Dec. 31, 1947*<sup>1</sup>

Division and State or Territory	Contour cultivation	Cover crops	Stubble mulching	Strip cropping	Range properly stocked	Seeding range and pasture	Wood-land improvement
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>
Total planned in districts <sup>2</sup> .....	23,540,186	12,182,991	24,967,627	6,598,022	64,779,546	15,201,011	12,090,670
APPLIED IN:							
New England:							
Maine.....	20,618	8,064	32,393	9,463	-----	8,617	7,489
New Hampshire.....	448	698	77	450	-----	3,148	1,645
Vermont.....	11,253	-----	-----	8,138	-----	36,312	24,412
Massachusetts.....	459	1,689	754	338	-----	1,130	203
Rhode Island.....	790	2,899	468	275	-----	2,965	876
Connecticut.....	230	1,459	51	229	-----	3,044	176
Middle Atlantic:							
New York.....	53,030	15,270	12,632	40,843	-----	47,081	11,008
New Jersey.....	16,405	25,018	1,665	10,090	-----	5,620	9,078
Pennsylvania.....	91,304	9,381	2,999	80,764	-----	21,666	8,713
East North Central:							
Ohio.....	41,591	12,713	13,586	73,242	-----	17,067	9,249
Indiana.....	96,042	35,580	3,812	3,189	-----	26,014	4,652
Illinois.....	330,311	34,323	-----	43,142	-----	74,711	10,485
Michigan.....	17,498	70,708	-----	26,147	-----	33,758	10,484
Wisconsin.....	169,708	108	-----	332,926	-----	39,497	14,703
West North Central:							
Minnesota.....	126,907	11,705	-----	165,856	-----	26,012	11,596
Iowa.....	620,134	16,178	108,839	88,045	-----	67,316	916
Missouri.....	64,256	45	-----	65	-----	3,473	664
North Dakota.....	44,196	3,579	1,262,647	724,568	1,167,207	93,847	2,318
South Dakota.....	486,912	3,655	1,616,058	231,933	3,517,546	172,852	1,779
Nebraska.....	831,618	56,821	1,221,856	89,473	1,378,431	136,134	1,456
Kansas.....	758,345	39,247	2,228,449	55,798	1,751,119	74,756	4,701
South Atlantic:							
Delaware.....	900	3,150	1,059	618	-----	2,121	723
Maryland.....	123,309	38,416	36,340	53,989	-----	78,874	25,457
Virginia.....	190,760	117,266	131,715	93,514	144,015	369,570	284,490
West Virginia.....	82,464	19,044	13,177	43,562	-----	145,565	40,935
North Carolina.....	363,558	144,888	71,271	79,001	27,779	216,420	207,299
South Carolina.....	735,635	149,458	169,606	161,896	32,053	112,915	865,702
Georgia.....	957,345	827,794	516,834	166,291	217,611	555,871	1,536,727
Florida.....	130,499	121,326	126,572	5,807	467,495	153,573	468,322
East South Central:							
Kentucky.....	269,814	152,015	19,348	852	69,429	400,685	146,719
Tennessee.....	297,195	198,128	916	2,098	3,981	147,351	94,828
Alabama.....	721,446	381,427	142,145	90,941	193,300	579,973	770,261
Mississippi.....	680,759	349,999	279,862	73,772	366,883	664,811	581,991
West South Central:							
Arkansas.....	530,217	869,130	869,046	50,489	1,181,723	633,735	184,260
Louisiana.....	300,226	427,762	548,919	1,015	530,955	182,172	163,752
Oklahoma.....	1,227,068	1,039,532	1,820,095	68,605	3,606,103	610,259	17,402
Texas.....	3,320,438	1,572,215	4,689,255	186,979	9,641,723	485,737	55,097
Mountain:							
Montana.....	42,390	183	910,658	571,282	7,688,165	90,848	10,390
Idaho.....	13,993	-----	416,889	968	229,669	15,403	3,185
Wyoming.....	5,821	2,209	97,215	12,153	903,655	21,097	89
Colorado.....	109,628	2,400	321,056	70,284	2,148,899	94,435	48,050
New Mexico.....	354,329	12,270	386,475	47,698	6,726,869	66,742	82,628
Arizona.....	5,131	2,509	98,200	1,733	13,866	4,417	-----
Utah.....	55,752	1,158	86,050	1,073	724,709	83,587	18,183
Nevada.....	-----	-----	41,611	-----	9,048	5,208	-----
Pacific:							
Washington.....	6,399	18,615	699,221	13,933	675,517	28,245	23,932
Oregon.....	21,590	1,252	83,800	1,140	261,729	6,006	463
California.....	38,599	87,881	175,482	31,056	372,047	21,929	9,501
Total.....	14,377,333	6,889,318	19,259,103	3,815,723	44,051,224	6,671,669	5,776,989
Territorial: Puerto Rico.....	3,853	16	8,319	11	5,032	2,372	1,747
Grand total applied <sup>3</sup> .....	14,381,186	6,889,334	19,267,422	3,815,734	44,056,256	6,674,041	5,778,736

<sup>1</sup> Data shown are for some principal practices on which reports are received nationally. In addition, there are many other practices on which work is done.

<sup>2</sup> Formerly reported as "crop residue management."

<sup>3</sup> Both planned and applied totals are for satisfactory first-time application only. Reapplication and maintenance of practices on the same area year after are not included. Planned practices are reported as applied when properly installed on the land, the job thereafter being one of maintenance.



TABLE 759.—*Conservation practices planned and applied through farmer district cooperation, with Soil Conservation Service assistance, by States, cumulative as of Dec. 31, 1947*<sup>1</sup>—Continued

Division and State or Territory	Farm and ranch ponds	Tree planting <sup>4</sup>	Terraces	Diversions	Farm drainage	Farm irrigation	
						Land leveling	Improved water application
	Number	Acres	Miles	Miles	Acres	Acres	Acres
Total planned in districts <sup>2</sup> .....	135,550	772,673	1,166,315	31,466	4,574,477	1,274,185	2,495,851
APPLIED IN:							
New England:							
Maine.....	60	515	6	114	2,132	-----	-----
New Hampshire.....	2	64	4	4	215	-----	-----
Vermont.....	320	1,888	-----	72	10,140	-----	-----
Massachusetts.....	21	51	1	5	844	-----	-----
Rhode Island.....	38	234	4	1	259	-----	-----
Connecticut.....	27	129	1	3	690	-----	-----
Middle Atlantic:							
New York.....	729	12,195	15	666	38,431	-----	-----
New Jersey.....	109	3,656	152	178	4,164	-----	-----
Pennsylvania.....	143	4,061	58	119	2,380	-----	-----
East North Central:							
Ohio.....	840	3,557	192	190	17,759	-----	-----
Indiana.....	1,047	2,826	678	236	49,275	-----	-----
Illinois.....	1,213	2,865	802	133	122,969	-----	-----
Michigan.....	19	28,265	114	48	19,939	-----	-----
Wisconsin.....	14	8,802	617	160	18,012	-----	-----
West North Central:							
Minnesota.....	116	3,430	160	72	60,583	-----	-----
Iowa.....	844	1,697	4,520	184	35,737	-----	-----
Missouri.....	823	178	1,075	91	20,304	-----	-----
North Dakota.....	3,050	10,331	2	31	161,049	664	4,336
South Dakota.....	8,338	11,659	347	156	64,247	2,925	5,016
Nebraska.....	1,890	9,061	8,420	1,028	37,267	54,754	152,163
Kansas.....	4,776	4,685	15,096	908	51,724	18,855	21,289
South Atlantic:							
Delaware.....	2	62	-----	2	3,372	-----	-----
Maryland.....	108	3,176	128	233	42,449	-----	-----
Virginia.....	813	6,114	3,689	42	12,837	-----	225
West Virginia.....	1,223	6,918	82	227	8,078	-----	-----
North Carolina.....	1,427	20,028	41,438	84	72,994	-----	736
South Carolina.....	559	29,018	41,472	28	120,759	-----	2,515
Georgia.....	2,554	83,812	86,675	130	54,085	-----	459
Florida.....	182	6,273	8,775	116	258,891	-----	37,593
East South Central:							
Kentucky.....	7,056	1,326	3,266	1,253	42,556	-----	7
Tennessee.....	4,592	1,959	16,547	76	91,793	-----	-----
Alabama.....	1,391	11,928	46,685	22	53,197	-----	-----
Mississippi.....	8,725	19,852	47,461	263	459,765	-----	104
West South Central:							
Arkansas.....	9,059	9,966	13,169	604	89,886	10,789	12,264
Louisiana.....	1,653	11,407	14,700	80	178,641	-----	3,253
Oklahoma.....	15,586	10,141	43,034	2,277	57,963	9,857	5,516
Texas.....	10,206	3,479	74,628	2,367	46,434	29,614	571,339
Mountain:							
Montana.....	4,805	833	56	126	20,381	21,399	65,816
Idaho.....	311	283	93	1	5,604	16,365	36,154
Wyoming.....	323	638	1	16	14,052	41,172	55,069
Colorado.....	327	1,402	722	276	9,381	60,996	92,567
New Mexico.....	456	2,423	2,003	723	1,485	33,181	57,104
Arizona.....	266	378	128	42	216	63,281	59,963
Utah.....	669	462	8	88	3,051	33,471	103,552
Nevada.....	4	14	-----	7	7,283	17,091	16,635
Pacific:							
Washington.....	133	918	73	41	34,046	15,235	22,121
Oregon.....	125	503	9	7	13,154	10,997	11,820
California.....	299	3,824	86	377	8,308	22,839	32,880
Total.....	97,243	347,286	477,192	13,907	2,426,761	463,185	1,364,496
Territorial: Puerto Rico.....	17	465	680	8	1,647	-----	2,191
Grand total applied <sup>3</sup> .....	97,260	347,751	477,872	13,915	2,428,408	463,185	1,366,687

See footnotes 1, 2, and 3 on preceding page.

<sup>4</sup>Includes field and gully planting and windbreaks.

Soil Conservation Service.

TABLE 760.—*Conservation plans prepared and treatment applied in soil conservation districts with the assistance of Soil Conservation Service technicians, 1947, and cumulative to Dec. 31, 1947<sup>1</sup>*

Division and State or Territory	1947			Cumulative to Dec. 31, 1947		
	New plans prepared		Treated	Active conservation plans		Treated
	Number	Acres	Acres	Number	Acres	Acres
<b>New England:</b>						
Maine.....	822	106,969	27,434	2,880	397,179	70,819
New Hampshire.....	420	84,372	9,046	521	102,121	10,367
Vermont.....	612	112,925	37,782	2,563	529,830	189,390
Massachusetts.....	416	46,062	7,728	499	55,238	8,736
Rhode Island.....	146	15,454	4,618	311	53,001	9,238
Connecticut.....	290	35,247	7,392	354	43,096	8,161
<b>Middle Atlantic:</b>						
New York.....	1,823	246,843	169,874	7,035	986,589	478,302
New Jersey.....	439	55,292	26,347	2,314	282,959	126,687
Pennsylvania.....	882	114,285	35,205	3,286	386,916	175,186
<b>East North Central:</b>						
Ohio.....	2,559	353,798	195,899	7,272	1,011,178	435,326
Indiana.....	1,480	221,154	121,545	5,529	809,124	477,935
Illinois.....	3,379	567,385	316,809	12,672	2,150,228	1,114,562
Michigan.....	1,677	211,674	107,900	6,778	703,619	337,677
Wisconsin.....	1,867	286,909	216,792	13,641	2,159,970	1,149,947
<b>West North Central:</b>						
Minnesota.....	1,245	218,863	176,768	7,120	1,289,221	708,783
Iowa.....	3,670	658,235	336,481	12,328	2,222,506	1,031,933
Missouri.....	923	184,255	83,607	2,378	461,366	160,939
North Dakota.....	2,371	1,506,631	1,118,212	8,455	4,780,436	3,201,549
South Dakota.....	2,284	1,723,760	1,276,222	12,156	7,245,821	5,363,218
Nebraska.....	3,764	1,134,890	640,067	15,509	4,307,382	2,023,724
Kansas.....	5,654	1,721,627	746,742	16,778	5,080,448	1,996,310
<b>South Atlantic:</b>						
Delaware.....	156	36,650	14,581	380	71,806	21,361
Maryland.....	1,090	162,548	87,719	5,805	874,208	391,105
Virginia.....	3,426	597,575	385,040	13,359	2,504,212	1,355,203
West Virginia.....	2,546	308,944	168,842	10,752	1,505,248	648,599
North Carolina.....	6,137	590,129	446,387	36,132	3,836,740	2,074,510
South Carolina.....	3,946	627,578	407,478	20,351	3,478,828	2,109,413
Georgia.....	8,365	1,631,131	1,060,658	44,036	8,771,704	4,373,140
Florida.....	2,202	785,997	441,035	7,447	2,648,037	1,121,948
<b>East South Central:</b>						
Kentucky.....	4,304	544,895	360,604	16,172	2,202,504	1,076,648
Tennessee.....	2,664	341,312	259,193	11,782	1,652,693	841,763
Alabama.....	5,812	888,033	735,062	28,517	4,780,207	2,776,492
Mississippi.....	6,039	1,019,285	759,276	27,487	4,651,338	2,558,422
<b>West South Central:</b>						
Arkansas.....	4,819	750,445	517,112	30,656	4,128,186	1,998,884
Louisiana.....	1,796	465,769	339,609	11,909	2,101,916	961,693
Oklahoma.....	6,392	1,566,924	996,653	34,484	7,782,855	3,998,865
Texas.....	13,629	6,370,571	3,345,796	49,678	22,340,559	10,736,818
<b>Mountain:</b>						
Montana.....	1,326	2,655,921	1,711,632	4,267	9,715,047	5,484,830
Idaho.....	723	263,876	91,145	3,431	1,356,625	417,186
Wyoming.....	624	606,012	237,012	1,770	1,513,266	611,792
Colorado.....	1,190	833,943	669,399	4,568	5,651,487	2,959,642
New Mexico.....	844	2,022,363	1,739,733	5,288	14,034,322	7,515,672
Arizona.....	603	295,676	62,962	1,555	587,473	134,730
Utah.....	600	349,549	255,471	3,884	2,196,777	1,004,263
Nevada.....	81	46,914	31,018	678	266,373	114,000
<b>Pacific:</b>						
Washington.....	1,706	710,307	468,966	6,691	2,479,457	1,113,441
Oregon.....	246	373,332	172,328	877	846,834	329,734
California.....	1,981	396,289	200,948	6,895	1,122,507	459,397
<b>Total</b> .....	<b>119,970</b>	<b>34,848,788</b>	<b>21,629,029</b>	<b>529,230</b>	<b>148,159,157</b>	<b>76,268,330</b>
<b>Territorial: Puerto Rico</b> .....	<b>721</b>	<b>58,613</b>	<b>21,497</b>	<b>721</b>	<b>58,613</b>	<b>21,497</b>
<b>Grand total</b> .....	<b>120,691</b>	<b>34,907,401</b>	<b>21,650,526</b>	<b>529,951</b>	<b>148,217,770</b>	<b>76,289,827</b>

Soil Conservation Service.

# CONSERVATION PRACTICES AND GROUP ENTERPRISE PLANS OF S.C.S. 685

**TABLE 761.—Conservation practices newly applied in conservation districts each year, with the assistance of Soil Conservation Service technicians, 1943–47 <sup>1</sup>**

Some major practices	Unit	1943	1944	1945	1946	1947
Contour cultivation.....	Acres	1,495,773	2,848,033	2,575,429	3,274,758	3,394,276
Cover crops.....	Acres	571,293	179,727	489,562	2,369,844	2,618,769
Stubble mulching <sup>2</sup> .....	Acres	791,846	1,980,044	2,370,447	5,108,063	6,342,686
Strip cropping.....	Acres	590,713	587,823	475,146	601,076	826,274
Range properly stocked.....	Acres	6,697,400	9,944,833	6,090,750	9,596,544	12,135,711
Seeding range and pasture.....	Acres	731,978	807,817	887,805	1,647,006	1,872,319
Woodland improvement.....	Acres	684,789	660,220	803,673	1,606,353	1,844,159
Farm and ranch ponds.....	Number	3,228	15,254	15,547	27,486	31,519
Tree planting.....	Acres	29,047	26,020	<sup>3</sup> 32,874	<sup>3</sup> 36,814	<sup>3</sup> 55,997
Terraces.....	Miles	44,149	53,777	71,910	99,482	101,363
Diversions.....	Miles	1,754	932	1,627	3,371	4,194
Farm drainage.....	Acres	82,995	203,040	299,570	752,662	1,103,071
Land leveling.....	Acres	16,394	62,543	79,586	135,856	189,050
Improved water application.....	Acres	9,173	188,508	160,168	380,665	511,341
Combined treatment <sup>4</sup> .....	Acres	9,805,538	10,156,748	13,012,000	19,332,928	21,650,526

<sup>1</sup> The data shown in this table for some major practices are for first-time application. In most cases these practices recur on the same land year after year, but such amounts as actually recur are not included.

<sup>2</sup> Formerly reported as "crop residue management."

<sup>3</sup> Includes windbreak and shelterbelt plantings.

<sup>4</sup> Combined treatment represents the farmland area in districts on which the planned practices were completed in the years shown.

Soil Conservation Service.

**TABLE 762.—Group enterprise plans in soil conservation districts (involving 2 or more farms), United States, 1947, and cumulative to Dec. 31, 1947 <sup>1</sup>**

Item	Unit	Group drainage		Group irrigation		Other types <sup>2</sup>		Total	
		1947	Cumulative	1947	Cumulative	1947	Cumulative	1947	Cumulative
Group job plans.....	Number	1,149	2,776	182	749	21	104	1,352	3,629
Farms to be benefited.....	do.....	8,482	26,713	5,266	23,202	276	1,448	14,024	51,363
Areas to be benefited.....	Acres.....	889,359	3,139,672	210,599	1,002,877	40,484	288,842	1,140,442	4,431,391
Estimated total cost.....	Dollars.....	3,607,835	13,270,350	598,541	3,361,734	850,088	1,904,007	5,356,434	18,536,091
Group jobs completed.....	Number	895	1,876	119	476	22	75	1,036	2,427
Farms benefited.....	do.....	5,741	13,549	2,116	13,633	193	877	8,050	28,059
Area benefited.....	Acres.....	628,890	1,521,958	89,603	578,996	16,676	56,947	735,169	2,157,901
Some principal practices installed:									
Clearing.....	Acres.....	2,047	4,735	17	49	10	73	2,074	4,857
Ditches, canals, laterals.....	Miles.....	1,136	2,651	50	183	11	13	1,197	2,847
Ditches, canals, laterals.....	Cu. yds.	11,206,097	27,125,123	301,984	1,036,482	43,039	77,499	11,551,120	28,239,104
Spoil bank leveling.....	do.....	6,845,918	15,528,537	4,100	55,046	500	1,900	6,850,518	15,585,483
Structures.....	Number	845	2,142	240	888	8	74	1,093	3,104
Tile drains.....	Lin. ft.....	210,334	618,920				1,910	210,334	620,830
Irrigation pipe.....	do.....			10,170	69,184		1,030	10,170	70,214

<sup>1</sup> Group enterprise plans are defined as any job involving two or more land owners or operators who agree to work together to carry on the construction, operations, and maintenance specified in the plans.

<sup>2</sup> Other types include special erosion control, water control (Region 2), water spreading (Region 7) and other such group enterprise jobs.

Soil Conservation Service.

TABLE 763.—Use and income of lands managed in the agricultural land-utilization program of the Soil Conservation Service, under Title III of the Bankhead-Jones Farm Tenant Act, by States, 1947

Division and State	Total area managed	Used for grazing		Used for annual crops	Used for hay	Forest use		Person-days recreational use	Total revenue <sup>1</sup>
						Lumber production	Value of products sold		
	Acres	Acres	Animal unit months	Acres	Tons	Board feet	Dollars	Number	Dollars
Middle Atlantic:									
Maine.....	482								
New York.....	13,658	5,221	8,023	397		36,963	413.13	1,000	1,729.60
Pennsylvania.....	19,969	2,552	679		2	493,200	4,306.05	15,765	5,907.78
E. North Central:									
Illinois.....	( <sup>2</sup> )	1,326	1,010	283	82			457,200	2,487.52
Michigan.....	7,798			8		7,200			
W. North Central:									
Missouri.....	12,938	4,096	3,963	31	10	8,360			3,368.22
North Dakota.....	1,065,652	1,040,319	331,283	2,550	12,622	76,000	140.35	4,526	76,783.04
South Dakota.....	861,538	836,576	310,720	969	3,903	109,002	34.00		79,582.25
Nebraska.....	133,580	132,987	43,626	255	341	102,760	262.83		12,327.92
Kansas.....	102,396	35,391	10,280	4,740	44				28,007.41
South Atlantic:									
Delaware.....	927			77		68,200	110.60	57,750	209.30
West Virginia.....	7,948	1,030	1,475	42	129	131,027	852.03		3,007.69
North Carolina.....	14,061	214	411	375	113	165,000	1,540.50		7,969.00
South Carolina.....									\$ 26.91
Georgia.....	109,124	3,989	7,628	1,384	555	5,395,870	71,035.46	10,575	92,096.42
Florida.....	117,546	68,777	35,927	90		2,139,190	10,701.96	1,150	13,453.45
E. South Central:									
Kentucky.....									
Tennessee.....	1,212								
Alabama.....	10,750	451	1,647			144,000	1,140.00	400	2,789.58
Mississippi.....	87,777	10,848	8,450	778	579	2,854,763	34,985.74	17,126	43,287.72
W. South Central:									
Arkansas.....	86,010	15,226	15,262	342	295	8,847,961	50,359.78	212,234	63,937.86
Louisiana.....	31,157	520	680		40	2,342,130	23,590.36	114,720	26,902.77
Oklahoma.....	80,852	37,949	14,463	1,752	120	696,721	3,797.87		18,952.57
Texas.....	128,168	83,060	35,439	800		87,594	626.37	260,936	44,722.28
Mountain:									
Montana.....	1,920,048	1,906,505	437,569	771	1,787	21,012	71.40	450	94,061.88
Idaho.....	126,145	127,333	26,675						4,283.24
Wyoming.....	543,634	542,772	146,066	3	172	1,400		2,200	40,015.29
Colorado.....	655,964	607,865	129,729	6,500					106,145.76
New Mexico.....	659,974	659,414	76,975			5,057,291	14,594.37	130	42,043.37
Arizona.....	59,052	459,412	2,028						533.40
Utah.....	46,253	446,552	5,043						1,028.19
Nevada.....	3,375	3,406	961						128.16
Pacific:									
Oregon.....	205,168	194,229	19,642			2,551,580	10,868.00		15,535.61
California.....	17,983	8,115	4,911						2,431.70
Total.....	7,121,139	6,436,135	1,680,565	22,147	20,834	31,337,224	229,430.80	1,156,162	\$ 833,755.89

<sup>1</sup> Includes revenue from sources other than those shown in this table, such as building occupancy, sales of improvements, minerals, and easements.

<sup>2</sup> Illinois project LU-11 was transferred Aug. 5, 1947, to the Department of the Interior; data shown covers operations prior to transfer.

<sup>3</sup> Collections from mineral royalties from lands, the surface of which is administered by State agencies under long-term lease.

<sup>4</sup> Includes public domain lands administered under agreement with Grazing Service.

<sup>5</sup> Of this amount, 25 per cent is paid to counties in which Title III lands are located, to be used for schools and roads.

Soil Conservation Service.

TABLE 764.—*Soil surveys of Bureau of Plant Industry, Soils and Agricultural Engineering: Areas mapped during the fiscal year ended June 30, 1947, and areas previously reported*<sup>1</sup>

State or Territory	Detailed				Reconnaissance			
	Work during fiscal year 1947	Work previously reported <sup>2</sup>	Total		Work during fiscal year 1947	Work previously reported <sup>2</sup>	Total	
	Square miles	Square miles	Square miles	Equivalent 1,000 acres	Square miles	Square miles	Square miles	Equivalent 1,000 acres
Maine.....	—	4,888	4,888	3,128	—	—	—	—
New Hampshire.....	30	7,907	7,937	5,080	—	—	—	—
Vermont.....	—	1,175	1,175	752	—	9,124	9,124	5,839
Massachusetts.....	—	8,811	8,811	5,639	—	—	—	—
Rhode Island.....	—	2,152	2,152	1,377	—	—	—	—
Connecticut.....	—	1,704	1,704	1,091	—	—	—	—
New York <sup>3</sup> .....	15	42,534	42,549	27,231	—	—	—	—
New Jersey.....	—	9,895	9,895	6,333	—	—	—	—
Pennsylvania <sup>3</sup> .....	36	25,482	25,518	16,331	41,405	41,405	26,499	—
Ohio.....	25	19,461	19,486	12,471	41,420	41,420	26,509	—
Indiana <sup>3</sup> .....	—	26,249	26,249	16,799	—	—	—	—
Illinois.....	9	6,770	6,779	4,339	—	—	—	—
Michigan.....	166	35,909	36,075	23,088	422	5,371	5,793	3,707
Wisconsin.....	—	26,950	26,950	17,248	—	14,425	14,425	9,232
Minnesota.....	44	14,927	14,971	9,581	—	13,067	13,067	8,363
Iowa.....	331	53,909	54,240	34,714	—	—	—	—
Missouri.....	18	38,793	38,811	24,839	—	—	—	—
North Dakota.....	—	23,049	23,049	14,751	39,240	39,240	25,114	—
South Dakota.....	—	8,286	8,286	5,303	41,400	41,400	26,496	—
Nebraska.....	—	77,682	77,682	49,716	83,064	53,064	33,961	—
Kansas.....	269	16,854	17,123	10,959	39,960	39,960	25,574	—
Delaware.....	—	2,276	2,276	1,457	—	—	—	—
Maryland.....	—	13,959	13,959	8,934	—	—	—	—
Virginia.....	223	21,063	21,286	13,623	—	—	—	—
West Virginia.....	—	24,681	24,681	15,796	—	—	—	—
North Carolina.....	68	54,350	54,418	34,827	—	—	—	—
South Carolina.....	—	27,999	27,999	17,919	—	—	—	—
Georgia.....	60	37,680	37,740	24,154	—	—	—	—
Florida.....	365	18,646	19,011	12,167	—	—	—	—
Kentucky.....	—	6,832	6,832	4,372	—	—	—	—
Tennessee <sup>3</sup> .....	880	21,785	22,665	14,506	—	—	—	—
Alabama.....	400	64,620	65,020	41,613	—	—	—	—
Mississippi.....	155	32,338	32,493	20,795	—	—	—	—
Arkansas.....	—	15,547	15,547	9,950	—	—	—	—
Arkansas-Missouri.....	—	—	—	—	58,000	58,000	37,120	—
Louisiana.....	—	17,431	17,431	11,156	—	—	—	—
Oklahoma.....	39	30,431	30,470	19,501	—	—	—	—
Texas <sup>3</sup> .....	150	70,958	71,117	45,515	152,855	152,855	97,827	—
Montana.....	14	3,848	3,862	2,472	59,180	59,180	37,881	—
Idaho.....	—	13,391	13,391	8,570	—	—	—	—
Wyoming.....	—	17,088	17,088	10,936	—	—	—	—
Colorado.....	—	7,624	7,624	4,879	—	—	—	—
New Mexico.....	—	2,565	2,565	1,642	—	—	—	—
Arizona.....	7	5,628	5,635	3,606	—	—	—	—
Utah.....	—	4,409	4,409	2,822	—	—	—	—
Nevada.....	—	652	652	417	—	—	—	—
Washington.....	293	21,222	21,515	13,770	18,409	18,409	11,782	—
Oregon.....	—	17,740	17,740	11,354	—	—	—	—
California <sup>3</sup> .....	159	48,238	48,397	30,974	32,135	32,135	20,566	—
Alaska.....	—	—	—	—	—	—	—	—
Hawaii.....	—	3,668	3,668	2,348	2,738	2,738	—	—
Puerto Rico.....	—	3,765	3,765	2,410	—	—	—	—
Total.....	3,765	1,063,821	1,067,586	683,255	422	653,717	654,139	418,648

<sup>1</sup> The preparation of soils maps by the Division of Soil Survey, Bureau of Plant Industry, Soils, and Agricultural Engineering, is generally done in cooperation with the State agricultural experiment stations. Inquiry for available maps and reports may be made of the State agricultural college, the State agricultural experiment station, or the U. S. Department of Agriculture.

<sup>2</sup> These figures refer to work done for a period of over 40 years and in some instances include resurveys.

<sup>3</sup> During the fiscal year 1947, maps were published for the following counties in the States indicated: California, Kings County; Indiana, Brown and Fulton counties; New York, Sullivan County; Pennsylvania, Bucks and Union counties; Tennessee, Bedford, Hamblen and Humphreys counties; and Texas, Fannin County.

Bureau of Plant Industry, Soils, and Agricultural Engineering.

TABLE 765.—*Forest land area of the United States and ownership of commercial forest land, by regions and States, 1945*

Region and State	Total forest land <sup>1</sup>	Commercial forest land							
		All owner-ships	Federally owned or managed			State, county, and municipal	Private		
			Total	National forest	Other		Total	Farm	Industrial and other
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres
<b>New England:</b>									
Connecticut.....	1,907	1,900	—	—	—	155	1,745	711	1,034
Maine.....	16,788	16,665	74	47	27	50	16,541	2,173	14,368
Massachusetts.....	3,310	3,297	24	1	23	271	3,002	906	2,096
New Hampshire.....	4,800	4,722	621	613	8	79	4,022	1,086	2,936
Rhode Island.....	452	447	—	—	—	27	420	107	313
Vermont.....	3,835	3,820	172	161	11	84	3,564	1,494	2,070
<b>Total.....</b>	<b>31,092</b>	<b>30,851</b>	<b>891</b>	<b>822</b>	<b>69</b>	<b>666</b>	<b>29,294</b>	<b>6,477</b>	<b>22,817</b>
<b>Middle Atlantic:</b>									
Delaware.....	442	442	2	—	2	7	433	228	205
Maryland.....	2,742	2,722	44	3	41	149	2,559	1,198	1,331
New Jersey.....	2,348	2,329	53	—	53	96	2,180	424	1,756
New York.....	13,500	11,114	75	—	75	732	10,307	3,651	6,656
Pennsylvania.....	15,228	15,127	470	442	28	2,514	12,143	3,369	8,774
West Virginia.....	9,954	9,852	832	820	12	115	8,905	2,984	5,921
<b>Total.....</b>	<b>44,214</b>	<b>41,586</b>	<b>1,476</b>	<b>1,265</b>	<b>211</b>	<b>3,613</b>	<b>36,497</b>	<b>11,854</b>	<b>24,643</b>
<b>Lake:</b>									
Michigan.....	19,000	17,380	2,155	2,035	120	4,115	11,110	3,260	7,850
Minnesota.....	19,700	16,700	2,670	2,170	500	7,100	6,930	4,330	2,600
Wisconsin.....	17,000	16,265	1,670	1,250	420	3,500	11,005	6,340	4,665
<b>Total.....</b>	<b>55,700</b>	<b>50,345</b>	<b>6,495</b>	<b>5,455</b>	<b>1,040</b>	<b>14,805</b>	<b>29,045</b>	<b>13,930</b>	<b>15,115</b>
<b>Central:</b>									
Illinois.....	3,396	3,319	192	175	17	10	3,117	3,092	25
Indiana.....	3,445	3,358	104	79	25	76	3,178	3,139	39
Iowa.....	2,248	2,226	16	5	11	19	2,191	2,186	5
Kentucky.....	11,857	11,694	534	427	107	35	11,125	5,421	5,704
Missouri.....	19,142	18,837	1,190	1,193	6	78	17,560	8,839	8,721
Ohio.....	4,831	4,779	72	72	—	108	4,599	3,112	1,487
<b>Total.....</b>	<b>44,919</b>	<b>44,213</b>	<b>2,117</b>	<b>1,951</b>	<b>166</b>	<b>326</b>	<b>41,770</b>	<b>25,789</b>	<b>15,981</b>
<b>Plains:</b>									
Kansas.....	1,121	1,011	—	—	—	—	1,011	1,011	—
Nebraska.....	1,112	987	39	15	24	—	948	948	—
North Dakota.....	621	470	55	—	55	1	414	414	—
Oklahoma (West) <sup>2</sup> .....	6,326	—	—	—	—	—	—	—	—
South Dakota (East) <sup>2</sup> .....	662	618	215	15	200	3	400	400	—
Texas (West) <sup>2</sup> .....	25,986	240	23	—	23	—	217	187	30
<b>Total.....</b>	<b>35,828</b>	<b>3,326</b>	<b>332</b>	<b>30</b>	<b>302</b>	<b>4</b>	<b>2,960</b>	<b>2,960</b>	<b>30</b>
<b>North:</b>	<b>211,753</b>	<b>170,321</b>	<b>11,311</b>	<b>9,523</b>	<b>1,788</b>	<b>19,414</b>	<b>139,596</b>	<b>61,010</b>	<b>78,586</b>
<b>South Atlantic:</b>									
North Carolina.....	18,400	17,997	1,312	960	352	242	16,443	10,072	6,371
South Carolina.....	10,611	10,549	720	549	171	187	9,642	5,684	3,958
Virginia.....	14,832	14,377	1,453	1,266	187	107	12,817	7,621	5,196
<b>Total.....</b>	<b>43,843</b>	<b>42,923</b>	<b>3,485</b>	<b>2,775</b>	<b>710</b>	<b>536</b>	<b>38,902</b>	<b>23,377</b>	<b>15,525</b>
<b>Southeast:</b>									
Alabama.....	18,878	18,800	886	613	273	121	17,793	7,259	10,534
Florida.....	23,478	21,765	1,713	1,009	704	326	19,726	3,996	15,730
Georgia.....	21,432	21,107	1,202	646	556	72	19,833	10,362	9,471
Mississippi.....	15,889	15,868	1,307	979	328	410	14,151	6,323	7,828
Tennessee.....	12,165	11,850	801	555	246	287	10,762	5,194	5,568
<b>Total.....</b>	<b>91,842</b>	<b>89,390</b>	<b>5,909</b>	<b>3,802</b>	<b>2,107</b>	<b>1,216</b>	<b>82,265</b>	<b>33,134</b>	<b>49,131</b>

See footnotes at end of table.

TABLE 765.—*Forest land area of the United States and ownership of commercial forest land, by regions and States, 1945—Continued*

Region and State	Total forest land <sup>1</sup>	Commercial forest land							
		All owner-ships	Federally owned or managed			State, county, and municipal	Private		
			Total	National forest	Other		Total	Farm	Industrial and other
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres
West Gulf:									
Arkansas.....	20,036	19,928	2,645	2,214	431	104	17,179	6,142	11,037
Louisiana.....	16,196	16,169	747	536	211	265	15,157	2,969	12,188
Oklahoma (East) <sup>2</sup> .....	4,320	4,308	619	163	456	23	3,666	812	2,854
Texas (East) <sup>2</sup> .....	10,567	10,548	673	648	25	16	9,859	2,626	7,233
Total.....	51,119	50,953	4,684	3,561	1,123	408	45,861	12,549	33,312
South:	186,804	183,266	14,078	10,138	3,940	2,160	167,028	69,060	97,968
Pacific Northwest:									
Douglas-fir subregion.....	29,145	26,027	10,201	7,682	2,519	2,616	13,210	1,951	11,259
Pine subregion.....	24,710	20,177	12,811	9,659	3,152	819	6,547	1,383	5,164
Total.....	53,855	46,204	23,012	17,341	5,671	3,435	19,757	3,334	16,423
Oregon.....	29,755	26,330	15,251	11,530	3,721	1,101	9,978	1,537	8,441
Washington.....	24,100	19,874	7,761	5,811	1,950	2,334	9,779	1,797	7,982
Total.....	53,855	46,204	23,012	17,341	5,671	3,435	19,757	3,334	16,423
California:	45,515	16,405	8,099	7,684	415	23	8,283	1,309	6,974
North Rocky Mountain:									
Idaho.....	18,873	10,149	6,436	5,838	598	925	2,788	841	1,947
Montana.....	24,238	14,758	10,122	9,118	1,004	699	3,937	1,614	2,323
South Dakota (West) <sup>3</sup> .....	1,317	1,147	920	918	2	4	223	144	79
Wyoming.....	8,878	3,012	2,534	2,187	347	74	404	248	156
Total.....	53,246	29,066	20,012	18,061	1,951	1,702	7,352	2,847	4,505
South Rocky Mountain:									
Arizona.....	19,538	2,815	2,744	2,058	686	30	41	36	5
Colorado.....	19,902	7,874	5,923	5,387	536	152	1,799	650	1,149
Nevada.....	4,720	98	24	24			74	13	61
New Mexico.....	20,001	3,465	2,405	2,020	385	149	911	693	218
Utah.....	8,494	1,530	1,349	1,276	73	40	132	106	26
Total.....	72,655	15,782	12,445	10,765	1,680	380	2,957	1,498	1,459
West:	225,271	107,457	63,568	53,851	9,717	5,540	38,349	8,988	29,361
All regions:	623,828	461,044	88,957	73,512	15,445	27,114	344,973	139,058	205,915

<sup>1</sup> Forest land is all land bearing or once supporting commercial or noncommercial forest and not at present in use or likely to be suitable for any form of use higher than forestry. Commercial forest land is land bearing or capable of producing timber of commercial quantity and quality and economically available now or prospectively for commercial use and not withdrawn from commercial use.

Noncommercial forest land is (1) commercially valuable forest land in the form of parks, preserves, wilderness areas, etc., actually withdrawn from commercial use; and (2) open grown pinon-juniper lands in the West, chaparral in southern California, oak-cedar brakes in Texas and Oklahoma, remote and inaccessible alpine areas, and other areas which because of very low productivity or excessively poor quality timber or extreme inaccessibility appear to be permanently out of the timber producing class. Much of this land has important value in watershed protection, preventing or reducing soil erosion, protecting wildlife, providing game cover, etc.

<sup>2</sup> Western and central portions of Oklahoma and Texas included in the Plains region; eastern portions included in the West Gulf region.

<sup>3</sup> Eastern and central portions of South Dakota included in the Plains; southwestern portion (Black Hills) included in the North Rocky Mountain region.

Forest Service; from A Reappraisal of the Forest Situation.



TABLE 766.—Saw timber: Estimated board-foot volume on commercial forest land in the United States, by regions and States, 1945<sup>1</sup>

Region and State	Total		Soft-woods	Hard-woods	On saw-timber areas		On other than saw-timber areas
					On virgin areas	On second-growth areas	
	Million board feet	Percent of grand total	Million board feet	Million board feet	Million board feet	Million board feet	Million board feet
<b>New England:</b>							
Connecticut.....	1,642	0.10	258	1,384	.....	1,111	531
Maine.....	36,787	2.30	24,279	12,508	525	31,912	4,350
Massachusetts.....	4,670	.29	1,946	2,724	15	3,867	788
New Hampshire.....	7,610	.47	3,424	4,186	88	5,739	1,783
Rhode Island.....	153	.01	22	131	.....	69	84
Vermont.....	7,335	.46	3,334	4,001	98	5,907	1,330
<b>Total.....</b>	<b>58,197</b>	<b>3.63</b>	<b>33,263</b>	<b>24,934</b>	<b>726</b>	<b>48,605</b>	<b>8,866</b>
<b>Middle Atlantic:</b>							
Delaware.....	1,183	.07	519	664	25	1,029	129
Maryland.....	4,030	.25	1,779	2,251	37	3,053	940
New Jersey.....	2,188	.14	783	1,405	25	1,362	801
New York.....	25,279	1.58	6,926	18,353	329	21,088	3,862
Pennsylvania.....	20,582	1.29	3,087	17,495	162	13,406	7,014
West Virginia.....	8,783	.55	923	7,860	619	7,521	643
<b>Total.....</b>	<b>62,045</b>	<b>3.88</b>	<b>14,017</b>	<b>48,028</b>	<b>1,197</b>	<b>47,459</b>	<b>13,389</b>
<b>Lake:</b>							
Michigan.....	24,140	1.51	7,400	16,740	13,550	7,500	3,090
Minnesota.....	11,590	.72	4,940	6,650	2,020	5,560	4,010
Wisconsin.....	14,980	.94	3,330	11,650	1,820	10,220	2,940
<b>Total.....</b>	<b>50,710</b>	<b>3.17</b>	<b>15,670</b>	<b>35,040</b>	<b>17,390</b>	<b>23,280</b>	<b>10,040</b>
<b>Central:</b>							
Illinois.....	3,717	.23	22	3,695	71	3,092	554
Indiana.....	6,175	.39	6	6,169	.....	5,773	402
Iowa.....	5,344	.33	43	5,301	.....	4,842	502
Kentucky.....	12,392	.77	1,611	10,781	797	10,356	1,239
Missouri.....	6,984	.44	663	6,321	381	3,849	2,754
Ohio.....	9,135	.57	73	9,062	.....	8,704	431
<b>Total.....</b>	<b>43,747</b>	<b>2.73</b>	<b>2,418</b>	<b>41,329</b>	<b>1,249</b>	<b>36,616</b>	<b>5,882</b>
<b>Plains:</b>							
Kansas.....	2,880	.18	.....	2,880	600	1,800	480
Nebraska.....	1,500	.09	300	1,200	360	660	480
North Dakota.....	434	.03	20	414	.....	344	90
Oklahoma (West) <sup>2</sup> .....	720	.05	96	624	120	480	120
South Dakota (East) <sup>2</sup> .....	196	.01	52	144	.....	142	54
Texas (West) <sup>2</sup> .....	.....	.....	.....	.....	.....	.....	.....
<b>Total.....</b>	<b>5,730</b>	<b>0.36</b>	<b>468</b>	<b>5,262</b>	<b>1,080</b>	<b>3,426</b>	<b>1,224</b>
<b>North:</b>	<b>220,429</b>	<b>13.77</b>	<b>65,836</b>	<b>154,593</b>	<b>21,642</b>	<b>159,386</b>	<b>39,401</b>
<b>South Atlantic:</b>							
North Carolina.....	42,241	2.64	27,962	14,279	.....	40,109	2,132
South Carolina.....	29,580	1.85	19,362	10,218	.....	28,452	1,128
Virginia.....	25,320	1.58	12,002	13,318	.....	21,644	3,676
<b>Total.....</b>	<b>97,141</b>	<b>6.07</b>	<b>59,326</b>	<b>37,815</b>	.....	<b>90,205</b>	<b>6,936</b>
<b>Southeast:</b>							
Alabama.....	33,361	2.09	20,681	12,680	694	30,482	2,185
Florida.....	17,308	1.08	12,862	4,446	844	14,410	2,054
Georgia.....	40,543	2.53	28,941	11,602	2,005	36,121	2,417
Mississippi.....	30,453	1.90	11,562	18,861	1,131	27,206	2,116
Tennessee.....	14,222	.89	2,916	11,306	.....	13,254	908
<b>Total.....</b>	<b>135,887</b>	<b>8.49</b>	<b>76,992</b>	<b>58,895</b>	<b>4,674</b>	<b>121,473</b>	<b>9,740</b>
<b>West Gulf:</b>							
Arkansas.....	37,528	2.34	22,315	15,213	2,080	33,940	1,508
Louisiana.....	36,895	2.30	13,930	22,965	2,492	33,184	1,219
Oklahoma (East) <sup>2</sup> .....	3,048	.19	2,044	1,004	234	2,497	317
Texas (East) <sup>2</sup> .....	27,488	1.72	19,183	8,305	2,137	24,534	817
<b>Total.....</b>	<b>104,959</b>	<b>6.55</b>	<b>57,472</b>	<b>47,487</b>	<b>6,943</b>	<b>94,155</b>	<b>3,861</b>
<b>South:</b>	<b>337,987</b>	<b>21.11</b>	<b>193,790</b>	<b>144,197</b>	<b>11,617</b>	<b>305,833</b>	<b>20,537</b>

See footnotes at end of table.

TABLE 766.—Saw timber: Estimated board-foot volume on commercial forest land in the United States, by regions and States, 1945<sup>1</sup>—Continued

Region and State	Total		Soft-woods	Hard-woods	On saw-timber areas		On other than saw-timber areas
					On virgin areas	On second-growth areas	
	Million board feet	Percent of grand total	Million board feet	Million board feet	Million board feet	Million board feet	Million board feet
Pacific Northwest:							
Douglas-fir subregion .....	504,931	31.54	501,065	3,866	408,271	93,811	2,849
Pine subregion .....	125,963	7.87	125,876	87	104,878	17,895	3,190
Total .....	630,894	39.41	626,941	3,953	513,149	111,706	6,039
Oregon .....	381,380	23.82	379,577	2,812	307,288	71,913	2,188
Washington .....	249,505	15.59	248,364	1,141	205,861	39,793	3,851
Total .....	630,894	39.41	626,941	3,953	513,149	111,706	6,039
California .....	227,565	14.21	227,565	-----	180,082	32,624	14,859
North Rocky Mountain:							
Idaho .....	60,796	3.80	60,764	32	27,078	28,076	5,642
Montana .....	52,515	3.28	52,112	403	32,020	12,531	7,964
South Dakota (West) <sup>2</sup> .....	2,866	.18	2,866	-----	1,249	1,333	284
Wyoming .....	11,052	.69	10,551	501	9,463	1,272	317
Total .....	127,229	7.95	126,293	936	69,810	43,212	14,207
South Rocky Mountain:							
Arizona .....	16,270	1.01	16,270	-----	14,265	1,787	218
Colorado .....	27,658	1.73	26,742	916	18,727	4,860	4,071
Nevada .....	367	.02	367	-----	287	35	45
New Mexico .....	8,471	.53	8,471	-----	7,134	871	466
Utah .....	4,102	.26	4,102	-----	3,627	405	70
Total .....	56,868	3.55	55,952	916	44,040	7,958	4,870
West: .....	1,042,556	65.12	1,036,751	5,805	807,081	195,500	39,975
All regions: .....	1,600,972	100.00	1,296,377	304,595	840,340	660,719	90,913

<sup>1</sup> Status beginning of 1945. Includes volume on land capable of producing timber of commercial quantity and quality and available now or prospectively for commercial use. Includes trees large enough for sawlogs regardless of the actual use, in accordance with the practice of the region. Volumes are on lumber-tally basis.

Minimum sizes of saw-timber trees: New England, Middle Atlantic: 9" D.B.H. for softwoods and 11" for hardwoods. Lake, Plains: 9" D.B.H. Central: 10" D.B.H. South Atlantic, Southeast, West Gulf: 9" D.B.H. for pine and cypress and 13" for hardwoods. Pacific Northwest (pine subregion), North Rocky Mountain, South Rocky Mountain: In the pine type, 11" D.B.H. for pine, cedar, and cottonwood, and 13" for fir and hemlock; in the fir type, 11" D.B.H. Pacific Northwest (Douglas-fir subregion): 15" D.B.H. California: All except redwood type, 12" D.B.H.; redwood type, 24" D.B.H.

Virgin growth includes mature or overmature forests not seriously disturbed by cutting or by fire, insects and disease infestations, or other natural causes, and generally characterized by the absence of any net growth; and mature or overmature forests so lightly cut or otherwise disturbed as not to make any material change in the original forest canopy or the quality of the original stand, or to induce net growth in any appreciable amount.

Second growth includes forests which have been cut over or which have been so disturbed by fire, insects, or disease, windstorms, or other natural causes that net growth occurs and they no longer qualify as virgin forests.

<sup>2</sup> Volume in western and central portions of Oklahoma and Texas included in the Plains region; that in eastern portions included in the West Gulf region.

<sup>3</sup> Volume in eastern and central portions of South Dakota included in the Plains; that in southwestern portion (Black Hills) included in North Rocky Mountain region.

Forest Service; from A Reappraisal of The Forest Situation.

TABLE 767.—Saw timber on commercial forest land: eastern softwoods by species and by regions and States, 1945<sup>1</sup>

Region and State	Total	Southern yellow pine	Spruce and fir <sup>2</sup>	White and Norway pine	Hemlock	Cypress	Other
	<i>Million board feet</i>	<i>Million board feet</i>	<i>Million board feet</i>	<i>Million board feet</i>	<i>Million board feet</i>	<i>Million board feet</i>	<i>Million board feet</i>
<b>New England:</b>							
Connecticut.....	258	2	1	83	160		2
Maine.....	24,279	117	16,554	4,091	2,362		1,272
Massachusetts.....	1,946		136	993	681		10
New Hampshire.....	3,424	23	1,902	1,332	152		15
Rhode Island.....	22		21	1			
Vermont.....	3,334		2,056	800	408		70
<b>Total.....</b>	<b>33,263</b>	<b>142</b>	<b>20,649</b>	<b>7,330</b>	<b>3,764</b>		<b>1,378</b>
<b>Middle Atlantic:</b>							
Delaware.....	519	518					1
Maryland.....	1,779	1,729	1	14	20		15
New Jersey.....	783	666		23	39		55
New York.....	6,926	52	2,441	1,700	2,595		138
Pennsylvania.....	3,087	947	21	1,234	885		
West Virginia.....	923	123	255	79	457		9
<b>Total.....</b>	<b>14,017</b>	<b>4,035</b>	<b>2,718</b>	<b>3,050</b>	<b>3,996</b>		<b>218</b>
<b>Lake:</b>							
Michigan.....	7,400		1,510	1,090	4,560		240
Minnesota.....	4,940		1,690	1,370			1,880
Wisconsin.....	3,330		400	1,230	1,390		310
<b>Total.....</b>	<b>15,670</b>		<b>3,600</b>	<b>3,690</b>	<b>5,950</b>		<b>2,430</b>
<b>Central:</b>							
Illinois.....	22			2		18	2
Indiana.....	6	3		1		1	1
Iowa.....	43			6			37
Kentucky.....	1,611	1,078		149	335	37	12
Missouri.....	663	586				70	7
Ohio.....	73	60		3	8		2
<b>Total.....</b>	<b>2,418</b>	<b>1,727</b>		<b>161</b>	<b>343</b>	<b>126</b>	<b>61</b>
<b>Plains:</b>							
Kansas.....							
Nebraska.....	300						300
North Dakota.....	20						20
Oklahoma (West).....							
South Dakota (East).....	96						96
Texas (West).....	52	51				1	
<b>Total.....</b>	<b>468</b>	<b>51</b>				<b>1</b>	<b>416</b>
<b>North:</b>	<b>65,836</b>	<b>5,955</b>	<b>26,967</b>	<b>14,231</b>	<b>14,053</b>	<b>127</b>	<b>4,503</b>
<b>South Atlantic:</b>							
North Carolina.....	27,962	25,761	40	397	430	969	365
South Carolina.....	19,362	18,151		13	51	1,106	41
Virginia.....	12,002	11,042		407	245	202	106
<b>Total.....</b>	<b>59,326</b>	<b>54,954</b>	<b>40</b>	<b>817</b>	<b>726</b>	<b>2,277</b>	<b>512</b>
<b>Southeast:</b>							
Alabama.....	20,681	20,250				209	222
Florida.....	12,952	10,277				2,112	473
Georgia.....	28,941	27,120				570	1,115
Mississippi.....	11,592	11,202				152	238
Tennessee.....	2,916	2,078		199	142	241	256
<b>Total.....</b>	<b>76,992</b>	<b>70,927</b>		<b>335</b>	<b>142</b>	<b>3,284</b>	<b>2,304</b>
<b>West Gulf:</b>							
Arkansas.....	22,315	22,308					7
Louisiana.....	13,930	12,981				547	402
Oklahoma (East).....	2,044	2,038				1	5
Texas (East).....	19,183	19,164					19
<b>Total.....</b>	<b>57,472</b>	<b>56,491</b>				<b>548</b>	<b>433</b>
<b>South:</b>	<b>193,790</b>	<b>182,372</b>	<b>40</b>	<b>1,152</b>	<b>868</b>	<b>6,109</b>	<b>3,249</b>
<b>All North and South.....</b>	<b>259,626</b>	<b>188,327</b>	<b>27,007</b>	<b>15,383</b>	<b>14,921</b>	<b>6,236</b>	<b>7,752</b>

<sup>1</sup> Status beginning of 1945.<sup>2</sup> Balsam fir.

<sup>3</sup> Ponderosa pine. The total volume of ponderosa pine in the United States is 185,441 million board feet, including the 416 million feet in the Plains region. See also table 741.

Forest Service; from A Reappraisal of the Forest Situation.

TABLE 768.—Saw timber on commercial forest land: eastern hardwoods by species and by regions and States, 1945<sup>1</sup>

Region and State	Total	Oak	Beech, birch and maple	Sweet- gum	Tupelo and black gum	Cotton- wood and aspen	Yellow- poplar	Other
	Million board feet	Million board feet	Million board feet	Million board feet	Million board feet	Million board feet	Million board feet	Million board feet
New England:								
Connecticut	1,384	830	415			13	28	98
Maine	12,508	139	11,046			1,234		89
Massachusetts	2,724	1,036	1,497			54	28	109
New Hampshire	4,186	76	3,973			23		114
Rhode Island	131	114	9					8
Vermont	4,001	70	3,800			61		70
Total	24,934	2,265	20,740			1,385	56	488
Middle Atlantic:								
Delaware	664	339	46				20	259
Maryland	2,251	1,195	299			11	225	521
New Jersey	1,405	815	98			1	56	435
New York	18,353	1,835	13,397			918	184	2,019
Pennsylvania	17,495	11,114	3,705			206	206	2,264
West Virginia <sup>2</sup>	7,860	3,714	1,765			18	1,019	1,344
Total	48,028	19,012	19,310			1,154	1,710	6,842
Lake:								
Michigan	16,740	880	11,600			1,890		2,370
Minnesota	6,650	670	980			3,250		1,750
Wisconsin	11,650	3,540	4,510			1,240		2,360
Total	35,040	5,090	17,090			6,380		6,480
Central:								
Illinois	3,695	2,327	219	137	26	301	11	674
Indiana <sup>3</sup>	6,169	2,581	1,618	86	31	167	334	1,352
Iowa	5,301	1,795	481			1,422		1,603
Kentucky <sup>3</sup>	10,781	6,010	2,070	285	87	12	1,400	917
Missouri	6,321	4,051	133	105	91	531	34	1,376
Ohio <sup>3</sup>	9,062	3,696	2,686	3	113	39	390	2,225
Total	41,329	20,370	7,207	616	348	2,472	2,169	8,147
Plains:								
Kansas <sup>3</sup>	2,880	605				605		1,670
Nebraska <sup>3</sup>	1,200	36				1,092		72
North Dakota	414	9				355		50
Oklahoma (West)								
South Dakota (East) <sup>3</sup>	62					362		262
Texas (West)	144	52		36	3			53
Total	5,262	702		36	3	2,414		2,107
North	154,593	47,439	64,347	652	351	13,805	3,935	24,064
South Atlantic:								
North Carolina <sup>3</sup>	14,279	4,361	1,100	2,550	2,810		1,463	1,995
South Carolina	10,218	2,243	286	2,923	2,466	116	854	1,330
Virginia <sup>3</sup>	13,318	6,211	944	1,194	974		2,195	1,800
Total	37,815	12,815	2,330	6,667	6,250	116	4,512	5,125
Southeast:								
Alabama	12,680	4,226		2,529	1,423		1,201	3,301
Florida	4,446	1,094		814	1,271			1,267
Georgia	11,602	3,308		2,314	2,538		960	2,482
Mississippi	18,861	6,160		3,932	1,873	693	483	5,720
Tennessee <sup>3</sup>	11,306	6,229	1,210	927	204	214	1,256	1,266
Total	58,895	21,017	1,210	10,516	7,309	907	3,900	14,036
West Gulf:								
Arkansas	15,213	7,035		2,525	779	584		4,290
Louisiana	22,965	8,226		4,323	3,470	250		6,696
Oklahoma (East)	1,004	680						233
Texas (East)	8,305	4,169		1,736	764			1,636
Total	47,487	20,110		8,641	5,047	834		12,855
South	144,197	53,942	3,540	25,824	18,606	1,857	8,412	32,016
All North and South <sup>3</sup>	298,790	101,381	67,887	26,476	18,957	15,662	12,347	56,080

<sup>1</sup> Status beginning of 1945.<sup>2</sup> Dead chestnut of sawlog size, still standing and usable, not included, as follows (million board feet): West Virginia 453, North Carolina 342, Virginia 548, and Tennessee 706; total 2,049. Also small quantity in Indiana, Kentucky, Ohio, and elsewhere.<sup>3</sup> Volume by species determined for Kansas by prorating to species according to data in forest survey reported in Kans. Agr. Exp. Sta. Bul. 285. For Nebraska, total prorated to species according to 1942 Census of lumber production. For South Dakota, total prorated to species according to data on forest survey reported in 1936 by Lake States Forest Experiment Station in cooperation with South Dakota State Planning Board.

Forest Service; from A Reappraisal of the Forest Situation.

TABLE 769.—Saw timber on commercial forest land: western trees by species and by regions and States, 1945<sup>1</sup>

Region and State	Total	Douglas fir	Ponderosa pine	True firs	Western hemlock	Sugar pine and western white pine	Redwood	Spruce	Larch	Lodgepole pine	Other softwoods	Hardwoods
	Million board feet	Million board feet	Million board feet	Million board feet	Million board feet	Million board feet	Million board feet	Million board feet	Million board feet	Million board feet	Million board feet	Million board feet
Pacific Northwest:												
Douglas fir subregion	504,931	310,523	4,850	46,464	94,469	6,171	1,918	8,020	145	37	30,386	3,866
Pine subregion	125,963	20,704	75,348	11,390	1,386	1,198			8,582	1,134	5,414	87
Total	630,894	331,227	80,198	57,854	95,855	8,089		8,020	8,727	1,171	35,800	3,953
Oregon	381,380	243,572	62,778	22,558	22,080	5,888		3,183	3,555	711	13,352	2,912
Washington	249,505	87,655	17,420	35,296	72,875	2,201		4,837	5,172	460	22,448	1,141
Total	630,884	331,227	80,198	57,854	95,855	8,089		8,020	8,727	1,171	35,800	3,953
California	227,565	* 98,613	* 51,191	* 43,012		19,505	* 38,114				7,130	
North Rocky Mountain:												
Idaho	60,706	12,962	11,199	8,103	1,184	11,523		3,821	6,072	1,830	4,070	32
Montana	52,516	12,585	2,854	918	168	1,107		6,042	11,807	7,463	508	403
South Dakota (West)	2,866		1,869	339								
Wyoming	11,032	1,161	1,199					2,629		5,123	100	501
Total	127,229	26,718	26,771	9,360	1,352	12,630		12,499	17,879	14,406	4,678	936
South Rocky Mountain:												
Arizona	16,270	651	14,900	325				163			171	
Colorado	27,688	1,473	3,735	2,106				13,779		5,487	102	916
Nevada	1,140	1,140	1,140	420								
New Mexico	8,471	847	6,777	420				254			169	
Utah	4,102	408	1,229	220				1,159		996		
Total	56,868	3,470	26,865	3,315				15,361		6,483	458	916
West	1,042,556	430,028	* 185,025	113,541	97,207	40,224	38,114	35,880	26,606	22,060	48,060	5,805

<sup>1</sup> Status beginning of 1945. Of the total 1,042,556 million board feet in this tabulation, 1,036,751 million board feet is softwoods and the remainder is hardwoods, as indicated.

<sup>2</sup> May include some white fir, Sitka spruce, western hemlock, Port. Oxford cedar, and western red cedar, which are commonly lumped with Douglas fir in redwood cruising.

<sup>3</sup> Includes Jeffrey pine.

<sup>4</sup> Includes the western white pine, mountain hemlock, and lodgepole pine recorded in cruises of fir and spruce.

<sup>5</sup> Redwood exclusive of volume of 1,000 Big trees reported on cruises in the West-Side Sierra subregion.

<sup>6</sup> Excluding 416 million board feet in Plains region. Grand total of ponderosa pine in the United States is 185,441 million board feet. See also table 739.

Forest Service; from A Reappraisal of the Forest Situation.

TABLE 770.—Annual drain from all timber and from saw timber on commercial forest land in the United States, by cutting for commodities 1944, and by destructive agencies, average 1934-43<sup>1</sup>

## TIMBER CUT FOR COMMODITIES, 1944

Item	All timber drains <sup>2</sup>			Saw-timber drains <sup>3</sup>		
	Total	Softwoods	Hardwoods	Total	Softwoods	Hardwoods
	<i>Million cubic feet</i>	<i>Million cubic feet</i>	<i>Million cubic feet</i>	<i>Million board feet</i>	<i>Million board feet</i>	<i>Million board feet</i>
Lumber.....	6,711	4,778	1,933	34,391	26,130	8,261
Fuelwood.....	2,203	719	1,484	3,863	1,957	1,906
Pulpwood.....	1,306	1,163	143	4,757	4,500	257
Hewed ties.....	363	153	210	1,643	777	866
Fence posts.....	220	59	161	226	82	144
Veneer logs.....	392	165	227	1,971	942	1,029
Mine timbers.....	225	40	185	320	70	250
Cooperage.....	174	40	134	744	195	549
Shingles.....	72	72	—	334	334	—
Other.....	516	159	357	1,409	604	805
Total.....	12,182	7,348	4,834	49,658	35,591	14,067

## TIMBER REMOVED BY DESTRUCTIVE AGENCIES, 1934-43 AVERAGE

Fire.....	460	247	213	859	547	312
Insects, disease, wind, etc.....	1,019	556	463	3,376	2,392	984
Total.....	1,479	803	676	4,235	2,939	1,296
Grand total.....	15,661	8,151	5,510	53,893	38,530	15,363

<sup>1</sup> Includes drain in volume from land capable of producing timber of commercial quantity and quality and available now or prospectively for commercial use.<sup>2</sup> Drain from all trees 5" D.B.H. and larger, bark not included.<sup>3</sup> Drain (lumber-tally basis) from trees above the following minimum saw timber sizes: New England, Middle Atlantic: 9" D.B.H. for softwoods and 11" for hardwoods. Lake, Plains: 9" D.B.H. Central: 10" D.B.H. South Atlantic, Southeast, West Gulf: 9" D.B.H. for pine and cypress, and 13" for hardwoods. Pacific Northwest (Pine subregion), North Rocky Mountain, South Rocky Mountain: In the pine type, 11" D.B.H. for pine, cedar, and cottonwood, and 13" for fir and hemlock; in the fir type, 11" D.B.H. Pacific Northwest (Douglas-fir subregion): 15" D.B.H. California: All except redwood type, 12" D.B.H.; redwood type, 24" D.B.H.

Forest Service; from A Reappraisal of the Forest Situation.

TABLE 771.—*Current annual growth of all timber and of saw timber on commercial forest land in the United States, by regions and States, 1945<sup>1</sup>*

Region and State	All timber growth <sup>2</sup>			Saw-timber growth <sup>3</sup>		
	Total	Softwood	Hardwood	Total	Softwood	Hardwood
	Million cubic feet	Million cubic feet	Million cubic feet	Million board feet	Million board feet	Million board feet
<b>New England:</b>						
Connecticut.....	55	6	49	107	14	93
Maine.....	397	252	145	760	491	269
Massachusetts.....	123	32	91	242	96	146
New Hampshire.....	182	73	109	389	174	215
Rhode Island.....	6	1	5	9	1	8
Vermont.....	134	55	79	292	134	158
<b>Total.....</b>	<b>897</b>	<b>419</b>	<b>478</b>	<b>1,799</b>	<b>910</b>	<b>889</b>
<b>Middle Atlantic:</b>						
Delaware.....	20	11	18	62	27	35
Maryland.....	104	52	52	202	105	97
New Jersey.....	65	25	40	103	37	66
New York.....	392	84	308	785	191	594
Pennsylvania.....	566	75	491	1,111	193	918
West Virginia.....	241	26	215	449	44	405
<b>Total.....</b>	<b>1,397</b>	<b>273</b>	<b>1,124</b>	<b>2,712</b>	<b>597</b>	<b>2,115</b>
<b>Lake:</b>						
Michigan.....	295	48	247	519	96	423
Minnesota.....	302	161	201	420	176	244
Wisconsin.....	215	29	186	464	74	390
<b>Total.....</b>	<b>812</b>	<b>178</b>	<b>634</b>	<b>1,403</b>	<b>346</b>	<b>1,057</b>
<b>Central:</b>						
Illinois.....	104		104	208	1	207
Indiana.....	137	1	136	298	2	296
Iowa.....	121	1	120	295	2	293
Kentucky.....	475	59	416	638	83	555
Missouri.....	341	32	309	388	37	351
Ohio.....	262	2	260	421	3	418
<b>Total.....</b>	<b>1,440</b>	<b>95</b>	<b>1,345</b>	<b>2,248</b>	<b>128</b>	<b>2,120</b>
<b>Plains:</b>						
Kansas.....	51		51	82		82
Nebraska.....	36	6	30	58	10	48
North Dakota.....	10	1	9	16	1	15
Oklahoma (West) <sup>4</sup> .....						
South Dakota (East) <sup>4</sup> .....	17	2	15	26	4	22
Texas (West) <sup>4</sup> .....	6	2	4	11	4	7
<b>Total.....</b>	<b>120</b>	<b>11</b>	<b>109</b>	<b>193</b>	<b>19</b>	<b>174</b>
<b>North.....</b>	<b>4,666</b>	<b>976</b>	<b>3,690</b>	<b>8,355</b>	<b>2,000</b>	<b>6,355</b>
<b>South Atlantic:</b>						
North Carolina.....	721	438	283	2,589	1,835	754
South Carolina.....	454	284	170	1,733	1,234	499
Virginia.....	586	285	301	1,784	947	837
<b>Total.....</b>	<b>1,761</b>	<b>1,007</b>	<b>754</b>	<b>6,106</b>	<b>4,016</b>	<b>2,090</b>
<b>Southeast:</b>						
Alabama.....	750	452	298	2,021	1,392	629
Florida.....	310	202	108	989	767	222
Georgia.....	740	507	233	2,501	1,995	506
Mississippi.....	667	264	403	1,866	904	962
Tennessee.....	247	55	192	847	226	621
<b>Total.....</b>	<b>2,714</b>	<b>1,480</b>	<b>1,234</b>	<b>8,224</b>	<b>5,284</b>	<b>2,940</b>
<b>West Gulf:</b>						
Arkansas.....	670	338	332	1,929	1,186	743
Louisiana.....	631	244	387	1,893	970	923
Oklahoma (East) <sup>4</sup> .....	55	27	28	137	95	42
Texas (East) <sup>4</sup> .....	560	424	136	1,649	1,368	281
<b>Total.....</b>	<b>1,916</b>	<b>1,033</b>	<b>883</b>	<b>5,608</b>	<b>3,619</b>	<b>1,989</b>
<b>South.....</b>	<b>6,391</b>	<b>3,520</b>	<b>2,871</b>	<b>10,938</b>	<b>12,919</b>	<b>7,019</b>

See footnotes at end of table.



TABLE 771.—*Current annual growth of all timber and of saw timber on commercial forest land in the United States, by regions and States, 1945*<sup>1</sup>—Continued

Region and State	All timber growth <sup>2</sup>			Saw-timber growth <sup>3</sup>		
	Total	Softwood	Hardwood	Total	Softwood	Hardwood
	Million cubic feet	Million cubic feet	Million cubic feet	Million board feet	Million board feet	Million board feet
Pacific Northwest:						
Douglas fir sub-region.....	1,024	992	32	3,741	3,669	72
Pine sub-region.....	219	219	—	483	483	—
Total.....	1,243	1,211	32	4,224	4,152	72
Oregon.....	659	640	19	2,483	2,432	51
Washington.....	584	571	13	1,741	1,720	21
Total.....	1,243	1,211	32	4,224	4,152	72
California.....	335	335	—	1,160	1,160	—
North Rocky Mountain:						
Idaho.....	302	302	(*)	826	826	(?)
Montana.....	162	159	3	418	414	4
South Dakota (West) <sup>5</sup> .....	12	12	(*)	22	22	(?)
Wyoming.....	64	64	(*)	40	40	(?)
Total.....	540	537	3	1,306	1,302	4
South Rocky Mountain:						
Arizona.....	30	30	—	94	94	—
Colorado.....	139	112	18	145	142	3
Nevada.....	1	1	—	1	1	—
New Mexico.....	23	23	—	58	58	—
Utah.....	11	11	—	20	20	—
Total.....	195	177	18	318	315	3
West.....	2,313	2,260	53	7,008	6,929	79
All regions.....	13,370	6,756	6,614	35,301	21,848	13,453

<sup>1</sup> Status beginning of 1945. Includes growth on land capable of producing timber of commercial quantity and quality and available now or prospectively for commercial use.

<sup>2</sup> Annual growth of all trees 5" D.B.H. and larger, including tops and limbs (top only in soft woods) of saw timber trees and total volume of trees reaching 5" in D.B.H. each year. Bark not included.

<sup>3</sup> Annual growth on the trees above the following minimum saw timber sizes and total volume of trees reaching these minimum sizes each year, all on lumber-tally basis: New England, Middle Atlantic: 9" D.B.H. for softwoods and 11" for hardwoods. Lake, Plains: 9" D.B.H. Central: 10" D.B.H. South Atlantic, Southeast, West Gulf: 9" D.B.H. for pine and cypress and 13" for hardwoods. Pacific Northwest (pine sub-region), North Rocky Mountain, South Rocky Mountain: in the pine type, 11" D.B.H. for pine, cedar, and cottonwood, and 13" for fir and hemlock; in the fir type, 11" D.B.H. Pacific Northwest (Douglas fir sub-region): 15" D.B.H. California: all except redwood type 12" D.B.H.; redwood type 24" D.B.H.

<sup>4</sup> Growth in western and central portions of Oklahoma and Texas included in the Plains region; that in eastern portions included in the West Gulf region.

<sup>5</sup> Growth in eastern and central portions of South Dakota included in the Plains; that in the southwestern portion (Black Hills) included in North Rocky Mountain region.

<sup>6</sup> Less than 500,000 cubic feet.

<sup>7</sup> Less than 500,000 board feet.

Forest Service; from A Reappraisal of the Forest Situation.

TABLE 772.—Number of visits to the national forests for utilization of the recreation resources, 1948

State or Territory	Utilization of recreation resources										Grand total		
	Improved public recreation areas					Organiza- tion camps	Hotels or resorts	Recrea- tion residences	Wilderness areas	Other forest areas		Total	Highways, roads, and water routes
	Camp grounds	Picnic areas	Winter sports areas	Sub- total	Number visits								
Alabama.....	460	46,000	3,500	46,000	600	1,200	4,140	5,400	32,000	4,000	56,000	18,500	
Alaska.....	75,470	15,037	12,292	228,337	610	88,801	5,237	2,353	476,991	79,250	1,270,841	56,277	
Arizona.....	7,720	101,500	318,519	109,220	4,250	3,100	850	18,150	135,570	57,450	193,020	103,000	
Arkansas.....	979,278	358,195	1,033,962	1,633,962	178,110	808,261	338,867	55,150	3,971,940	16,020,005	20,600,925	2,509,920	
California.....	132,970	310,770	53,055	526,795	8,700	473,195	25,710	4,475	410,050	1,448,925	3,938,845	102,750	
Colorado.....	7,030	61,500	32,250	98,530	8,385	866	6,400	11,225	90,000	102,750	192,750	100,000	
Florida.....	8,600	58,000	32,250	98,530	1,200	400	400	25,000	63,200	100,000	193,200	13,500	
Georgia.....	228,666	184,450	32,250	445,368	6,865	35,042	9,085	212,999	719,362	727,915	1,447,277	102,750	
Idaho.....	200	131,000	32,250	131,200	500	5,000	80	80,000	211,200	308,000	519,200	103,530	
Illinois.....	50	24,000	32,250	24,050	500	5,000	80	27,400	51,530	103,530	140,500	15,490	
Indiana.....	2,000	2,000	32,250	2,000	500	5,000	80	8,000	15,500	125,000	140,500	15,490	
Kentucky.....	14,030	14,030	32,250	14,030	75	3,250	1,000	300	15,330	160	15,490	17,075	
Louisiana.....	3,955	3,955	32,250	3,955	75	3,250	1,000	1,750	5,075	12,000	17,075	17,075	
Maine.....	35,935	43,770	81,030	160,758	18,234	151,945	117,472	349,930	785,258	1,422,000	2,220,258	320,555	
Michigan.....	24,792	23,170	9,800	57,762	3,690	17,137	3,637	29,242	155,777	320,555	587,800	320,555	
Minnesota.....	1,000	16,000	9,800	16,000	3,000	16,000	62,300	46,000	62,300	400,000	462,300	400,000	
Mississippi.....	11,450	17,330	17,330	28,770	300	4,000	5,200	97,100	135,370	1,119,200	1,254,570	1,119,200	
Missouri.....	75,086	145,963	14,604	235,653	20,577	18,074	29,519	9,083	234,634	547,540	887,610	1,435,150	
Montana.....	2,500	2,500	12,920	2,500	2,385	50	780	1,200	1,200	4,700	5,900	1,700	
Nebraska.....	33,175	38,205	74,300	74,300	2,385	50	780	24,270	101,783	187,845	289,630	289,630	
Nevada.....	35,888	29,096	30,700	95,384	73,000	73,000	2,685	109,500	277,884	275,000	552,884	275,000	
New Hampshire.....	126,520	126,520	17,560	183,600	10,840	2,475	685	128,615	336,005	134,405	470,410	134,405	
New Mexico.....	63,052	286,798	343,850	343,850	3,145	75,000	2,250	4,500	79,500	904,000	1,410,245	904,000	
North Carolina.....	13,000	119,000	500	132,500	20,000	152,500	5,000	20,000	152,500	5,000	157,500	5,000	
Ohio.....	1,620	1,620	1,620	1,620	1,620	1,620	6,020	6,020	6,020	12,040	12,040	12,040	
Oklahoma.....	573,862	82,673	274,932	931,467	9,713	188,006	13,099	201,840	1,321,855	1,222,545	2,544,400	1,222,545	
Oregon.....	573,862	82,673	274,932	931,467	9,713	188,006	13,099	201,840	1,321,855	1,222,545	2,544,400	1,222,545	

## RECREATION RESOURCES IN NATIONAL FORESTS

699

Pennsylvania.....	4,000	120,000	1,000	125,000	600	4,000	3,600	1,000,000	1,733,200	2,500,000	4,233,200
Puerto Rico.....	750	34,711	---	34,711	---	17,000	2,589	---	54,300	4,400	58,700
South Carolina.....	---	6,102	---	6,852	---	---	---	19,000	25,852	31,200	57,052
South Dakota.....	2,140	56,850	50	59,040	4,770	18,240	6,410	10	278,195	742,600	1,020,795
Tennessee.....	1,600	51,970	---	53,570	3,320	1,900	1,640	---	100,410	101,460	201,870
Texas.....	1,300	48,700	---	50,000	600	---	---	---	71,600	13,000	84,600
Utah.....	345,900	1,299,122	144,836	1,729,948	40,050	88,100	58,405	6,860	2,261,219	1,012,500	3,273,719
Vermont.....	300	13,624	300	14,244	---	---	---	---	25,424	65,000	90,424
Virginia.....	2,674	198,277	---	170,951	3,933	1,630	8,041	---	241,174	107,100	348,274
Washington.....	272,307	145,900	101,202	700,490	36,405	79,465	35,186	1,035	904,615	1,269,560	2,174,175
West Virginia.....	2,200	72,400	---	74,600	4,199	---	---	---	107,749	32,650	140,399
Wisconsin.....	9,720	57,030	2,050	68,800	4,390	32,800	17,710	---	195,800	447,000	642,800
Wyoming.....	73,160	70,350	17,980	161,490	3,485	127,120	15,708	9,670	401,598	2,316,800	2,718,488
Totals.....	3,055,114	4,458,748	1,249,200	8,763,062	385,290	2,286,107	713,380	144,433	5,948,405	35,969,220	55,209,897

Forest Service.

TABLE 773.—Construction, betterment, and maintenance of national roads and trails from forest-road appropriations and other Federal and cooperative funds, by States and Territories, cumulative from 1913 to June 30, 1947

State or Territory	Mileage to June 30, 1947			Expenditures to June 30, 1947		
	Roads		Trails	Federal funds	Cooperative funds	Total funds
	Construction	Betterment	Construction			
	Miles	Miles	Miles	Dollars	Dollars	Dollars
Alabama.....	851.6	83.6	—	2,983,241	53,193	3,036,434
Alaska.....	354.0	1.9	1,072.6	15,030,189	531,157	15,561,346
Arizona.....	4,277.5	972.4	3,221.5	25,459,343	1,370,103	26,829,446
Arkansas.....	2,017.8	913.5	586.4	11,662,778	432,504	12,095,282
California.....	11,695.8	913.5	12,801.1	75,922,162	7,701,155	83,623,317
Colorado.....	2,494.2	226.1	12,689.0	23,409,174	1,461,523	24,870,697
Florida.....	1,699.3	171.3	—	4,366,997	221,181	4,578,178
Georgia.....	560.1	203.5	363.1	5,553,347	440,361	5,993,708
Idaho.....	7,844.2	947.0	22,944.0	60,360,859	2,152,611	62,513,470
Illinois.....	328.0	46.6	—	2,681,897	28,779	2,710,676
Indiana.....	28.1	.1	—	247,903	6,216	253,119
Iowa.....	—	—	—	18	—	18
Kansas.....	3.4	—	—	2,112	—	2,112
Kentucky.....	280.2	50.5	4.2	3,875,759	47,971	3,923,730
Louisiana.....	948.6	68.6	—	1,797,928	24,735	1,822,663
Maine.....	13.1	4.8	94.6	602,856	—	602,856
Maryland.....	—	—	—	70	—	70
Michigan.....	2,438.8	813.5	10.0	6,549,570	643,640	7,193,210
Minnesota.....	1,227.0	288.8	906.4	6,284,747	376,670	6,661,419
Mississippi.....	1,048.9	184.0	8.0	6,108,162	31,726	6,139,888
Missouri.....	1,104.9	310.6	—	4,193,312	6,715	4,200,027
Montana.....	3,217.2	243.3	20,547.3	31,844,524	744,344	32,588,868
Nebraska.....	132.2	13.4	—	385,172	1,252	386,424
Nevada.....	894.2	46.2	1,007.6	5,620,373	187,004	5,807,377
New Hampshire.....	155.5	19.2	985.7	3,635,211	112,401	3,747,612
New Jersey.....	—	—	—	218	—	218
New Mexico.....	2,830.2	749.2	1,962.6	19,093,277	468,887	19,562,164
New York.....	895.5	386.2	995.9	81	—	81
North Carolina.....	—	—	—	9,076,794	875,833	9,952,627
North Dakota.....	1.0	—	—	510	—	510
Ohio.....	27.7	20.5	—	264,281	3,628	267,909
Oklahoma.....	180.8	51.9	16.5	1,177,758	20,366	1,198,124
Oregon.....	7,823.7	1,089.5	10,446.2	52,214,922	9,091,369	61,306,291
Pennsylvania.....	275.5	150.3	277.8	3,561,485	58,844	3,620,328
Puerto Rico.....	50.6	17.2	69.1	3,128,271	86,055	3,214,326
South Carolina.....	636.8	68.3	20.2	3,697,769	86,197	3,683,966
South Dakota.....	544.9	162.1	113.8	3,795,536	251,712	4,047,248
Tennessee.....	618.9	229.2	784.0	5,926,831	896,703	6,823,534
Texas.....	612.8	98.7	—	3,727,819	35,409	3,763,228
Utah.....	2,804.1	413.7	4,540.8	15,287,535	1,455,681	16,743,216
Vermont.....	39.6	13.7	25.2	1,374,334	2,512	1,376,846
Virginia.....	641.7	139.1	1,726.1	6,649,970	204,956	6,854,926
Washington.....	3,668.7	682.4	10,478.8	33,393,925	1,528,036	35,221,962
West Virginia.....	710.1	46.6	1,014.2	5,941,718	72,762	6,014,480
Wisconsin.....	1,553.2	592.1	—	4,346,826	36,165	4,382,991
Wyoming.....	1,551.0	209.5	4,064.5	13,594,110	420,234	14,323,344
Total.....	60,081.3	11,639.6	113,772.2	484,921,675	31,677,590	516,599,265

Forest Service.

TABLE 774.—National forest, purchase unit, experimental, and land-utilization areas, by regions, June 30, 1947

Unit <sup>1</sup>	Number of units	Gross area	Area not under Forest Service administration	Area under Forest Service administration		
				Acquired	Approved for acquisition but unacquired	Total
		<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>
United States and Territories <sup>2</sup> .....		228,810,442	48,546,188	179,314,756	949,498	180,264,254
National forests.....	153	218,997,568	39,969,377	178,165,104	923,087	179,088,191
Purchase units.....	43	9,162,293	8,527,422	638,460	26,411	664,871
Experimental areas.....	14	336,022	19,080	316,932		316,932
Land-utilization and other areas.....		284,550	90,299	194,260		194,260

## AREAS BY FOREST SERVICE REGIONS

Region 1.....		27,831,542	3,269,943	24,305,028	256,571	24,561,599
National forests.....	17	27,831,542	3,269,943	24,305,028	256,571	24,561,599
Region 2.....		21,912,067	2,266,450	19,690,260	15,368	19,705,628
National forests.....	18	21,861,999	2,165,689	19,680,912	15,368	19,696,310
Land-utilization areas.....		50,088	40,770	9,318		9,318
Region 3.....		22,416,283	1,980,417	20,401,513	34,353	20,435,866
National forests.....	13	22,006,013	1,930,738	20,040,922	34,353	20,075,275
Experimental areas.....	3	246,886	4,097	242,789		242,789
Land-utilization and other areas.....		163,384	45,582	117,802		117,802
Region 4.....		32,802,713	2,152,339	30,644,076	6,098	30,650,174
National forests.....	21	32,694,540	2,125,917	30,562,525	6,098	30,568,623
Purchase units.....	2	31,114	26,622	4,492		4,492
Experimental areas.....	1	55,625		55,625		55,625
Land-utilization areas.....		21,434		21,434		21,434
Region 5.....		24,110,596	5,016,902	19,028,585	65,019	19,093,604
National forests.....	18	23,154,518	4,168,263	18,921,236	65,019	18,986,255
Purchase units.....	4	950,874	848,639	102,235		102,235
Experimental areas.....	2	4,714		4,714		4,714
Other areas.....		400		400		400
Region 6.....		26,886,030	3,614,655	23,224,184	47,191	23,271,375
National forests.....	19	26,865,447	3,610,035	23,208,221	47,191	23,255,412
Purchase units.....	2	20,583	4,620	15,963		15,963
Region 7.....		10,370,892	6,195,766	4,089,304	85,762	4,175,126
National forests.....	7	9,347,681	5,219,270	4,042,649	85,762	4,128,411
Purchase units.....	4	997,321	961,503	35,818		35,818
Experimental areas.....	5	25,800	14,993	10,807		10,807
Region 8.....		21,654,949	12,313,094	9,166,671	175,184	9,341,855
National forests.....	24	18,861,291	9,638,526	9,048,317	174,448	9,222,765
Purchase units.....	12	2,790,761	2,674,568	115,457	736	116,193
Experimental areas.....	2	2,897				2,897
Region 9.....		19,756,041	11,607,256	7,885,429	263,356	8,148,785
National forests.....	13	15,425,343	7,701,086	7,485,980	238,277	7,724,257
Purchase units.....	18	4,281,435	3,902,223	354,133	26,079	379,212
Experimental areas.....	1	10		10		10
Land-utilization areas.....		49,253	3,947	45,306		45,306
Region 10.....		20,883,244	35,097	20,848,147		20,848,147
National forests.....	2	20,883,244	35,097	20,848,147		20,848,147
TROPICAL FORESTRY UNIT.....		186,155	154,060	31,499	506	32,005
National forests.....	1	65,950	44,813	21,137		21,137
Purchase units.....	1	120,205	109,247	10,362	506	10,968

<sup>1</sup> Definition of units:

*National forests*.—Areas established as national forests by Act of Congress or Presidential proclamation. Acreages shown as under Forest Service administration include small administrative sites outside of proclaimed boundaries, and those portions of land-utilization projects and other areas over which the Forest Service has supervision located within the national forest boundaries. Land-utilization and other areas located outside the national forests and under Forest Service supervision are not included; such areas being listed under the classification "Land-utilization and other areas".

*Purchase units*.—Areas established by the Secretary of Agriculture with the concurrence of the National Forest Reservation Commission but not formalized by Act of Congress or Presidential Proclamation. Acreages shown under Forest Service administration include all administrative sites outside the established boundaries, and those portions of the land-utilization projects and other areas over which the Forest Service has supervision located within the established purchase unit boundaries. Land-utilization and other areas located outside the boundaries and under Forest Service supervision are not included; such areas being listed under the classification "Land-utilization and other areas".

*Experimental areas*.—Areas outside of the exterior boundaries of national forests or purchase units which have been reserved and dedicated to forest or range research and experimentation by Executive Order or other authorized administrative action. Massabesic Experimental Forest in Maine and the McNeill Division of the Harrison Experimental Forest in Mississippi, which have both purchase-unit and experimental status, are only included in the experimental-area summaries. Land-utilization and other areas: Lands acquired by the United States in pursuance of certain national programs of land utilization and adjustment, which by Order of the Secretary of Agri-

Footnotes continued on page 702.

**TABLE 775.—Number of fires, area burned over, and forest area on national forest lands, continental United States including Alaska; and on protected and unprotected forest areas on State and private lands, continental United States and Hawaii, 1929-47**

Calendar year	National forest lands <sup>1</sup>			State and private forest lands <sup>2</sup>					
	Fires <sup>3</sup>	Area burned over	National forest area under Forest Service administration	On protected area			On unprotected area		
				Fires	Area burned over	Forest area	Fires	Area burned over	Forest area
	Number	1,000 acres	1,000 acres	Number	1,000 acres	1,000 acres	Number	1,000 acres	1,000 acres
1929.....	6,221	978	159,738	44,076	4,876	90,819	120,148	41,354	41,354
1930.....	7,041	203	160,078	70,832	5,809	120,148	46,457	46,457	46,457
1931.....	6,984	640	160,775	56,448	5,854	125,040	45,200	45,200	45,200
1932.....	5,612	422	161,348	55,563	3,234	219,948	105,899	38,410	194,771
1933.....	5,243	160	161,997	48,754	3,342	219,058	87,435	40,167	193,187
1934.....	9,299	646	162,578	61,246	3,514	235,577	93,345	37,648	189,280
1935.....	9,349	242	163,297	54,580	2,311	240,827	77,743	27,796	184,718
1936.....	14,868	437	165,965	73,706	3,792	250,454	141,432	38,990	175,003
1937.....	10,402	103	174,381	54,292	1,254	256,248	121,449	30,637	161,949
1938.....	11,628	219	175,213	76,323	2,623	267,415	146,030	30,876	144,374
1939.....	13,797	356	176,469	85,657	3,266	276,362	114,638	26,660	148,812
1940.....	14,744	318	176,753	73,518	2,930	279,149	107,824	22,432	146,749
1941.....	10,338	251	177,626	80,983	3,137	279,517	108,706	22,830	143,743
1942.....	10,580	498	178,313	75,843	3,863	288,371	122,428	27,415	136,687
1943.....	10,617	320	178,477	78,815	3,860	299,334	121,619	27,715	131,275
1944.....	9,720	284	179,069	56,148	2,301	301,228	66,006	13,873	129,919
1945.....	8,851	231	179,349	48,176	2,456	302,942	68,013	14,780	126,959
1946.....	10,661	197	179,695	66,103	2,253	318,505	96,505	18,117	120,489
1947.....	9,967	254	180,232	71,442	2,814	327,968	120,429	20,093	111,026

<sup>1</sup> Including Alaska.

<sup>2</sup> Fires originating on protected land inside national forest boundaries.

<sup>3</sup> Excluding Alaska. Data reported to the Forest Service by its field offices, cooperating agencies, other Government bureaus, and similar sources. The figures are as complete as could be compiled from the reports.

Forest Service.

**TABLE 776.—Expenditures for forest fire protection on State and private forest lands, continental United States, including Hawaii but excluding Alaska, fiscal years ended June 30, 1929-47**

Fiscal year	Federal contribution <sup>1</sup>	State and county expenditure	Private agencies expenditure	Total	Fiscal year	Federal contribution <sup>1</sup>	State and county expenditure	Private agencies expenditure	Total
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars		1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1929.....	1,146	2,120	623	4,189	1939.....	1,958	4,725	1,892	8,575
1930.....	1,327	2,886	1,232	5,445	1940.....	2,155	5,155	2,045	9,355
1931.....	1,620	3,910	1,101	6,631	1941.....	2,147	5,087	2,212	9,446
1932.....	1,654	3,276	1,094	6,024	1942.....	2,700	6,272	2,193	11,165
1933.....	1,528	2,463	649	4,670	1943.....	4,624	6,722	2,406	13,752
1934.....	1,534	2,966	829	5,329	1944.....	5,870	6,351	1,739	13,960
1935.....	1,533	2,936	1,196	5,665	1945.....	5,925	6,562	2,114	14,601
1936.....	1,529	2,671	1,123	5,323	1946.....	7,012	7,498	2,389	16,899
1937.....	1,604	4,152	1,228	6,984	1947.....	7,889	9,478	2,236	19,603
1938.....	1,604	4,014	1,433	7,051					

<sup>1</sup> Provided by the Clarke-McNary law, Act of June 7, 1924, and emergency fire-control programs. Forest Service.

#### FOOTNOTES FOR TABLE 774—Continued

culture have been placed under the administration of the Forest Service but have not yet been given a national forest status. The portions of these project lands located within the established national forest or purchase unit boundaries, are included as part of the national forest or purchase unit acreage. The Fort Bayard Reservation, New Mexico, was placed under the administration of the Forest Service by the Federal Works Agency.

<sup>2</sup> Does not include lands within certain State forests in Michigan which have been acquired by the United States with intent to exchange them for State lands within the national forests.

<sup>3</sup> Exclusive of 1,890 acres of the Beltsville Research Center of the Department of Agriculture, assigned to the Forest Service for use as an experimental area.

Forest Service.

TABLE 777.—Expenditures for forest fire protection on State and private forest lands, by States, fiscal year ended June 30, 1947

State or Territory	Federal contribution <sup>1</sup>	State and county expenditure	Private-agencies expenditure	Total	State or Territory	Federal contribution <sup>1</sup>	State and county expenditure	Private-agencies expenditure	Total
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars		1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Alabama.....	228	428	48	704	Montana.....	76	20	103	199
Arkansas.....	157	102	85	344	Nevada.....	10	8	3	21
California.....	1,081	1,782	2,863	5,726	New Hampshire.....	57	48	18	123
Colorado.....	35	19	17	71	New Jersey.....	137	164	301	502
Connecticut.....	57	57	114	228	New Mexico.....	8	5	5	18
Delaware.....	6	7	13	26	New York.....	245	281	526	1,052
Florida.....	382	325	352	1,059	North Carolina.....	183	293	495	969
Georgia.....	209	82	128	419	Ohio.....	69	78	147	294
Hawaii.....	4	3	7	14	Oklahoma.....	43	22	86	151
Idaho.....	141	102	144	387	Oregon.....	765	494	1,918	2,759
Illinois.....	19	20	39	78	Pennsylvania.....	225	277	512	1,004
Indiana.....	44	106	150	300	Rhode Island.....	30	30	60	90
Iowa.....	7	11	18	36	South Carolina.....	330	554	885	1,418
Kentucky.....	67	77	3	147	South Dakota.....	5	49	51	105
Louisiana.....	203	227	71	501	Tennessee.....	95	100	203	395
Maine.....	158	265	423	846	Texas.....	131	141	307	579
Maryland.....	82	163	245	490	Utah.....	14	33	47	84
Massachusetts.....	96	132	228	456	Vermont.....	28	29	60	87
Michigan.....	504	748	1,252	3,504	Virginia.....	173	195	369	737
Minnesota.....	302	385	687	1,374	Washington.....	768	432	1,682	2,642
Mississippi.....	162	246	408	716	West Virginia.....	142	320	462	862
Missouri.....	102	254	356	712	Wisconsin.....	259	364	663	1,286
					Total.....	7,889	9,478	2,236	19,603

<sup>1</sup> Provided by the Clarke-McNary law, Act of June 7, 1924, and emergency fire-control programs. Forest Service.

TABLE 778.—Volume and value of timber cut on national forests and value of all forest products, United States, fiscal years ended June 30, 1929-47

Fiscal year	Total timber cut <sup>1</sup>		Value of miscellaneous forest products <sup>2</sup>	Total value, including free-use timber	Fiscal year	Total timber cut <sup>1</sup>		Value of miscellaneous forest products <sup>2</sup>	Total value, including free-use timber
	Volume	Value				Volume	Value		
	Million ft. b. m.	1,000 dollars	1,000 dollars	1,000 dollars		Million ft. b. m.	1,000 dollars	1,000 dollars	1,000 dollars
1929.....	1,497	4,328	31	4,456	1939.....	1,291	3,375	52	3,687
1930.....	1,653	4,790	23	4,930	1940.....	1,740	4,807	57	5,168
1931.....	1,222	3,348	17	3,527	1941.....	2,067	5,762	62	6,084
1932.....	612	1,519	21	1,767	1942.....	2,205	6,109	79	6,429
1933.....	474	1,077	19	1,333	1943.....	2,359	6,072	60	6,407
1934.....	675	1,609	26	1,845	1944.....	3,333	14,155	150	14,517
1935.....	752	1,938	41	2,260	1945.....	3,145	13,016	104	13,291
1936.....	1,021	2,590	30	2,892	1946.....	2,730	11,494	150	11,811
1937.....	1,291	3,159	39	3,505	1947.....	3,835	14,955	183	16,780
1938.....	1,288	3,209	52	3,539					

<sup>1</sup> Commercial and cost sales and land exchange.

<sup>2</sup> Includes materials not measurable in board feet, such as Christmas trees, tanbark, turpentine, seedlings, Spanish Moss, etc.

Forest Service. Data for 1905-28 in Agricultural Statistics, 1944, table 631.

816939-49-45



TABLE 779.—*Number and costs of forest trees planted on farm lands, United States, 1929-47*

Year (as specified)	Forest trees planted on farm lands during calendar year shown	Costs during year ended June 30			Year (as specified)	Forest trees planted on farm lands during calendar year shown	Costs during year ended June 30		
		Federal contribution <sup>1</sup>	State expendi- ture	Total			Federal contribution <sup>1</sup>	State expendi- ture	Total
	1,000 trees	1,000 dollars	1,000 dollars	1,000 dollars		1,000 trees	1,000 dollars	1,000 dollars	1,000 dollars
1929.....	25,000	75	295	370	1939.....	64,213	97	301	398
1930.....	26,000	81	322	403	1940.....	87,468	140	384	524
1931.....	25,000	91	248	339	1941.....	97,650	113	413	526
1932.....	23,500	94	204	298	1942.....	74,219	115	412	527
1933.....	21,970	77	196	273	1943.....	46,350	115	333	448
1934.....	20,208	53	146	199	1944.....	37,980	119	344	463
1935.....	26,150	55	151	206	1945.....	37,743	114	458	572
1936.....	35,648	55	196	251	1946.....	43,588	113	524	637
1937.....	41,698	71	251	321	1947.....	42,347	117	769	886
1938.....	55,360	70	295	365					

<sup>1</sup> Provided by the Clarke-McNary law, Act of June 7, 1924, and the Norris-Doxey law, Act of May 18, 1937.

Forest Service.

TABLE 780.—*Number of forest trees planted on farm lands during 1947, with costs during fiscal year ended June 30, 1947, by States*

State or Territory	Forest trees planted on farm land during calendar year 1947	Cost during year ended June 30, 1947			State or Territory	Forest trees planted on farm land during calendar year 1947	Cost during year ended June 30, 1947		
		Federal contribution <sup>1</sup>	State expendi- ture	Total			Federal contribution <sup>1</sup>	State expendi- ture	Total
	1,000 trees	1,000 dollars	1,000 dollars	1,000 dollars		1,000 trees	1,000 dollars	1,000 dollars	1,000 dollars
Alabama.....	590	3	8	11	New Hampshire.....	259	3	5	8
Arkansas.....	409	3	20	23	New Jersey.....	459	3	21	24
Colorado.....	178	2	6	8	New York.....	4,891	4	70	74
Delaware.....	31	1	2	3	North Carolina.....	1,090	3	13	16
Florida.....	322	3	21	24	North Dakota.....	531	3	15	18
Georgia.....	3,741	3	36	39	Ohio.....	1,896	3	28	31
Hawaii.....	31	3	6	9	Oklahoma.....	386	2	17	19
Idaho.....	164	2	5	7	Oregon.....	434	3	4	7
Illinois.....	1,905	3	32	35	Pennsylvania.....	2,705	3	45	48
Indiana.....	1,819	3	51	54	Puerto Rico.....	2,729	3	30	33
Iowa.....	250	3	15	18	South Carolina.....	1,368	3	36	39
Kansas.....	772	3	15	18	South Dakota.....	592	2	14	16
Kentucky.....	385	2	4	6	Tennessee.....	625	2	7	9
Louisiana.....	129	3	11	14	Texas.....	1,201	3	17	20
Maine.....	30	-----	1	1	Utah.....	104	2	2	4
Maryland.....	122	3	6	9	Vermont.....	396	3	10	13
Massachusetts.....	384	2	20	22	Virginia.....	561	3	8	11
Michigan.....	2,061	3	20	23	Washington.....	115	3	13	16
Mississippi.....	1,396	3	30	33	West Virginia.....	232	3	17	20
Missouri.....	1,182	3	16	19	Wisconsin.....	4,202	4	36	40
Montana.....	262	3	9	12	Wyoming.....	105	1	7	8
Nebraska.....	1,294	4	20	24					
					Total.....	42,347	117	769	886

<sup>1</sup> Provided by the Clarke-McNary law, Act of June 7, 1924, and the Norris-Doxey law, Act of May 18, 1937.

Forest Service.

TABLE 781.—Number of livestock under pay-permit on the national forests by calendar years, and grazing receipts by fiscal years ended June 30, United States, 1929-47<sup>1</sup>

Year	Cattle	Horses	Swine	Sheep	Goats	Receipts from grazing, fiscal year
	Number	Number	Number	Number	Number	Dollars
1929.....	1,322,465	48,171	853	6,650,719	15,487	1,740,290
1930.....	1,315,882	41,961	540	6,700,846	13,496	1,942,914
1931.....	1,338,373	37,335	431	6,593,583	14,645	1,960,642
1932.....	1,361,160	35,105	528	6,308,500	12,438	829,960
1933.....	1,366,538	31,797	533	6,150,921	11,045	1,496,209
1934.....	1,389,387	29,549	314	6,152,244	9,124	1,358,688
1935.....	1,315,233	29,085	292	5,681,938	9,148	1,151,150
1936.....	1,282,540	28,268	159	5,636,937	8,113	1,441,493
1937.....	1,254,425	29,499	241	5,477,351	7,603	1,580,345
1938.....	1,220,532	29,543	126	5,300,140	7,160	1,696,457
1939.....	1,180,971	27,897	220	5,125,642	5,965	1,573,912
1940.....	1,147,539	29,452	184	4,943,131	6,065	1,463,127
1941.....	1,175,749		108	4,787,369		1,429,091
1942.....	1,191,218			4,758,038		1,595,126
1943.....	1,211,568		572	4,538,660		1,973,233
1944.....	1,225,254		256	4,280,370		2,458,946
1945.....	1,206,227		105	3,888,839		2,158,626
1946.....	1,203,201		139	3,712,981		2,659,676
1947.....	1,246,626			3,409,307		2,293,773

<sup>1</sup> Animals under 6 months of age not counted; no pay-permit required for animals under 6 months of age.

Forest Service. Data for 1905-28 in the Yearbook of Agriculture, 1935, table 509.

TABLE 782.—Number of livestock under pay-permit on the national forests in 1947, and grazing receipts for fiscal year ended June 30, 1947, by States

State or Territory	Livestock under pay-permit <sup>1</sup>		Receipts from grazing, fiscal year <sup>1</sup>	State or Territory	Livestock under pay-permit <sup>1</sup>		Receipts from grazing, fiscal year <sup>1</sup>
	Cattle and horses	Sheep and goats			Cattle and horses	Sheep and goats	
	Number	Number	1,000 dollars		Number	Number	1,000 dollars
Alabama.....	304			New Hampshire.....	22		
Alaska.....	116	11		New Mexico.....	90,426	117,652	150
Arizona.....	145,760	107,573	262	North Carolina.....	482	150	
Arkansas.....	39,795		2	Ohio.....	157		
California.....	121,861	151,740	202	Oklahoma.....	5,000		
Colorado.....	177,993	666,096	369	Oregon.....	72,230	190,921	155
Florida.....	1,928	30	1	Pennsylvania.....	28		
Georgia.....	575	50		South Carolina.....	1,055		
Idaho.....	114,296	663,919	285	South Dakota.....	26,064	17,766	34
Illinois.....	861	2,000		Tennessee.....	363		
Indiana.....	44	26		Texas.....	1,295		1
Louisiana.....	1,603		1	Utah.....	115,451	525,677	265
Maine.....	3			Vermont.....	82	9	
Michigan.....	2,458	321		Virginia.....	407	188	
Minnesota.....	525	42		Washington.....	20,813	52,748	41
Mississippi.....	1,139		4	West Virginia.....	2,106	1,765	3
Missouri.....	7,776	87		Wisconsin.....	676	32	
Montana.....	115,282	292,753	217	Wyoming.....	108,102	475,155	207
Nebraska.....	12,302		23				
Nevada.....	57,256	142,596	102	Total.....	1,246,626	3,409,307	2,294

<sup>1</sup> Animals under 6 months of age not counted; no pay-permit required for animals under 6 months of age.

<sup>2</sup> Includes grazing trespass.

Forest Service.

TABLE 783.—Receipts from national forests, United States, fiscal years ended June 30, 1929-47

Fiscal year	From the use of timber (commercial and cost sales)	From the use of grazing	From special land uses, water power, etc.	Total	Fiscal year	From the use of timber (commercial and cost sales)	From the use of grazing	From special land uses, water power, etc.	Total
	Dollars	Dollars	Dollars	Dollars		Dollars	Dollars	Dollars	Dollars
1929	4,108,595	1,740,290	450,917	6,299,802	1939	2,857,211	1,573,912	472,254	4,903,377
1930	4,389,893	1,942,914	418,746	6,751,553	1940	3,943,022	1,463,127	453,035	5,859,184
1931	2,607,618	1,960,642	425,060	4,993,320	1941	4,789,024	1,429,091	463,710	6,681,825
1932	1,049,108	829,960	415,180	2,294,248	1942	5,094,241	1,595,126	475,523	7,164,890
1933	782,808	1,498,290	345,032	2,626,049	1943	7,610,088	1,973,233	473,071	10,056,392
1934	1,522,356	1,358,688	433,647	3,314,691	1944	12,622,949	2,458,946	535,045	15,616,940
1935	1,729,037	1,151,153	408,410	3,288,600	1945	11,586,908	2,158,626	2,302,401	16,047,935
1936	2,203,237	1,441,493	418,233	4,062,963	1946	10,554,312	2,059,676	1,261,083	13,875,071
1937	2,924,471	1,580,345	431,367	4,936,183	1947	15,420,902	2,293,773	658,124	18,372,799
1938	2,517,659	1,606,457	457,018	4,671,134					

Forest Service. Data for 1905-28 in Agricultural Statistics, 1944, table 636.

TABLE 784.—Payments<sup>1</sup> to States and Territories from receipts of the preceding fiscal year from sales of timber, grazing fees, and miscellaneous uses of national forests, fiscal years ended June 30, 1946, 1947, and 1948

State or Territory	1946	1947	1948	State or Territory	1946	1947	1948
	Dollars	Dollars	Dollars		Dollars	Dollars	Dollars
Alabama	33,856	29,449	33,577	New Hampshire	22,561	28,173	19,218
Alaska	25,381	13,923	37,197	New Mexico	77,371	76,008	107,745
Arizona	142,838	157,146	196,449	North Carolina	66,520	46,597	53,006
Arkansas	200,814	145,276	160,294	North Dakota	18	35	32
California	364,102	414,465	474,414	Ohio	6,653	7,215	1,970
Colorado	143,348	146,749	182,501	Oklahoma	19,901	11,597	10,994
Florida	57,015	45,632	52,272	Oregon	600,149	559,280	938,871
Georgia	27,347	34,108	56,154	Pennsylvania	20,523	24,171	25,960
Idaho	220,763	209,827	304,131	Puerto Rico	6,037	6,458	4,215
Illinois	9,389	9,237	9,107	South Carolina	54,410	42,951	66,399
Indiana	1,060	621	1,100	South Dakota	41,184	47,322	72,357
Iowa	337	376	369	Tennessee	27,491	34,172	30,988
Kentucky	24,526	27,380	23,274	Texas	101,407	109,929	102,837
Louisiana	49,931	39,270	42,789	Utah	76,640	63,372	91,787
Maine	1,570	1,920	1,343	Vermont	17,996	14,934	26,415
Michigan	39,284	56,258	61,739	Virginia	23,271	30,269	35,067
Minnesota	52,247	60,371	78,306	Washington	639,086	398,089	737,852
Mississippi	504,736	229,869	102,605	West Virginia	20,554	22,550	27,766
Missouri	11,669	15,049	14,732	Wisconsin	23,794	27,679	32,636
Montana	138,363	134,726	195,761	Wyoming	77,171	74,065	101,339
Nebraska	6,472	5,344	5,822				
Nevada	25,306	22,567	25,331	Total	4,003,031	3,424,430	4,546,724

<sup>1</sup> Payments are 25 percent of the receipts of the preceding fiscal year from national forests, under Act of May 23, 1908.

Forest Service.

TABLE 785.—*Estimated number and kill by hunters of big game animals, number of hunter-fisherman users, and miles and acres of fishing waters on the national forests of continental United States and Alaska, by States, 1947, and totals for 1941-47*

State or Territory	Big game <sup>1</sup>		Big game killed by hunters		Hunter-fisherman users	Fishing streams	Fishing lakes
	Deer	Others <sup>2</sup>	Deer	Others <sup>2</sup>			
	Number	Number	Number	Number	Number	Miles	Acres
Alabama.....	3,600		90		23,000	396	379
Alaska.....	39,000	24,500	4,900	850	11,500		
Arizona.....	63,000	23,400	4,830	1,000	99,000	400	26,000
Arkansas.....	13,000	160	780		41,700	802	381
California.....	432,000	19,300	30,000	780	986,000	11,708	205,013
Colorado.....	167,000	36,600	28,000	9,100	267,000	7,649	19,995
Florida.....	6,000	400	2,200	20	31,000	310	20,985
Georgia.....	4,500	30	100		17,500	898	8,542
Idaho.....	145,000	58,400	18,500	7,800	386,000	9,977	46,622
Illinois.....	100				22,000	453	8,000
Indiana.....	1,500				19,000		
Kentucky.....					13,000	330	
Louisiana.....	900		130		13,600	179	4,610
Maine.....	800	50	300	20	1,500	39	130
Michigan.....	172,000	2,500	22,000	210	191,000	4,139	100,000
Minnesota.....	106,000	5,000	14,000	580	154,000	1,350	640,000
Mississippi.....	1,400		240		39,800	602	443
Missouri.....	17,000		330		64,800	1,302	30,000
Montana.....	116,000	48,600	9,500	7,300	286,000	8,335	45,417
Nebraska.....	300						
Nevada.....	61,000	1,100	4,500	70	24,800	1,015	38,150
New Hampshire.....	2,000	400	270	40	7,200	532	1,050
New Mexico.....	66,200	6,200	4,200	380	73,000	1,000	91
North Carolina.....	8,300	630	590	100	57,500	1,035	14,614
Ohio.....	200				22,000		
Oklahoma.....	300		80		6,000	85	85
Oregon.....	153,000	21,000	14,800	2,500	410,000	5,403	45,182
Pennsylvania.....	11,000	300	3,000	20	136,000	580	62
South Carolina.....	1,500		500		13,000	463	36
South Dakota.....	22,300	3,450	5,400	130	48,200	250	631
Tennessee.....	4,000	1,500	160	80	24,000	137	1,627
Texas.....	3,500		900		10,700	445	772
Utah.....	175,000	5,730	37,000	1,120	327,000	2,461	15,544
Vermont.....	3,700	250	330	40	14,400	464	2,535
Virginia.....	18,000	1,100	1,400	110	116,000	691	28
Washington.....	85,800	26,300	9,170	3,500	407,000	4,521	34,220
West Virginia.....	18,000	1,000	1,600	120	72,000	1,939	
Wisconsin.....	94,000	1,000	5,300	230	106,800	1,164	40,000
Wyoming.....	52,100	44,300	7,600	7,300	112,000	3,599	78,039
Total: 1947.....	2,069,000	333,000	232,700	43,400	4,655,000	74,653	1,429,214
1946.....	1,989,000	315,000	217,520	42,800	4,133,000	74,653	1,429,214
1945.....	1,953,000	308,000	176,200	31,180	3,019,000	74,753	1,429,214
1944.....	1,941,000	292,100	162,330	25,340	2,297,000	74,753	1,429,214
1943.....	1,901,000	301,400	187,610	34,100	2,277,000	74,753	1,429,214
1942.....	1,956,000	290,500	192,970	37,640	2,636,000	74,653	1,429,214
1941.....	1,865,000	280,900	183,980	25,660	3,546,000	74,653	1,429,214

<sup>1</sup> Inventory numbers as of Dec. 31, 1947.

<sup>2</sup> Includes antelope, bear, elk, moose, mountain goat, big horn, peccary, and wild boars.

Forest Service.

TABLE 786.—Lumber production and average prices,<sup>1</sup> United States, 1929-47

Year	Total		Softwoods		Hardwoods	
	Quantity	Average price	Quantity	Average price	Quantity	Average price
	1,000 ft. b. m.	Dollars	1,000 ft. b. m.	Dollars	1,000 ft. b. m.	Dollars
1929	38,745,275	26.94	30,836,328	24.31	7,908,947	38.04
1930	29,358,021	22.81	23,228,096	20.88	6,129,925	31.49
1931	19,997,432	18.56	15,886,696	16.74	4,110,736	28.00
1932	13,523,742	15.12	10,501,823	13.94	3,021,919	22.45
1933	17,150,575	18.55	13,785,975	16.94	3,364,600	27.81
1934	18,826,306	21.47	14,617,862	20.05	4,208,444	28.01
1935	22,943,833	20.43	18,195,665	19.08	4,748,168	27.09
1936	27,626,440	22.20	22,025,168	21.03	5,601,272	27.92
1937	29,003,953	24.25	23,148,214	22.97	5,855,739	30.49
1938	24,825,497	21.45	19,954,881	20.42	4,870,616	27.09
1939	28,754,615	21.97	23,290,698	20.97	5,463,917	27.66
1940	31,159,126	23.32	25,622,110	22.48	5,537,016	28.47
1941	36,537,629	28.09	29,866,602	27.26	6,671,027	32.34
1942	36,532,248	31.50	29,510,184	30.73	6,922,064	34.37
1943	34,288,757	36.86	26,917,342	35.57	7,371,415	41.57
1944	32,937,549	( <sup>2</sup> )	25,159,695	( <sup>2</sup> )	7,777,854	( <sup>2</sup> )
1945	28,122,344	( <sup>2</sup> )	21,139,872	( <sup>2</sup> )	6,982,472	( <sup>2</sup> )
1946	36,382,550	( <sup>2</sup> )	26,547,861	( <sup>2</sup> )	9,834,689	( <sup>2</sup> )
1947	38,000,000	( <sup>2</sup> )	27,800,000	( <sup>2</sup> )	10,200,000	( <sup>2</sup> )

<sup>1</sup> Per 1,000 feet, board measure, f.o.b. mill.<sup>2</sup> Data not available.<sup>3</sup> Estimates, subject to revision.

Forest Service. Data for 1799-1928 in Agricultural Statistics, 1947, table 758.

TABLE 787.—Pulpwood consumption, wood-pulp production, and paper and paper-board production and consumption, United States, 1929-47

Year	Pulpwood consumption	Wood-pulp production	Paper and paperboard		
			Production	Estimated total consumption or new supply <sup>1</sup>	Per capita consumption
	Cords <sup>2</sup>	Tons	Tons	Tons	Pounds
1929	7,645,011	4,862,885	11,140,235	13,414,033	220.2
1930	7,195,524	4,630,306	10,169,140	12,309,279	200.4
1931	6,722,766	4,409,344	9,381,840	11,340,686	182.8
1932	5,633,123	3,760,267	7,997,872	9,717,581	155.6
1933	6,581,674	4,276,204	9,190,017	10,901,526	173.6
1934	6,796,659	4,436,128	9,186,598	11,283,351	178.4
1935	7,628,274	4,925,669	10,479,095	12,660,357	198.8
1936	8,715,916	5,695,219	11,975,552	14,643,735	228.6
1937	10,393,800	6,572,918	12,837,003	16,027,993	248.8
1938	9,193,991	5,933,560	11,380,814	13,525,739	208.2
1939	10,816,466	6,993,334	13,509,642	15,948,557	243.6
1940	13,742,858	8,959,559	14,483,709	16,747,980	254.2
1941	16,579,000	10,375,422	17,762,965	20,421,466	306.6
1942	17,275,000	10,783,430	17,083,862	19,779,838	293.6
1943	15,000,000	9,680,462	17,035,688	19,436,384	284.8
1944	16,123,000	10,108,443	17,182,804	19,445,164	285.8
1945	16,154,000	10,167,200	17,370,965	19,665,487	281.6
1946	17,817,560	10,606,527	19,277,667	22,509,788	319.3
1947	19,714,229	11,951,548	21,028,898	24,675,666	342.7

<sup>1</sup> Production, plus imports and minus exports. Changes in inventories not taken into account.<sup>2</sup> 128 cubic feet.<sup>3</sup> Preliminary.

Forest Service. Compiled from Bureau of the Census and Forest Service bulletins, and from reports of the Forest Products Bureau, War Production Board. Also from "Wood Pulp Statistics," United States Pulp Producers Association, July 1948, and "The Statistics of Paper," American Paper and Pulp Association, July 1946, and "The Statistics of Paper," American Paper and Pulp Association, March 1947.

Data for 1899-1928 in Agricultural Statistics, 1947, table 760.

TABLE 788.—*Lumber production, by States, 1943-46*

State	1943	1944	1945	1946	State	1943	1944	1945	1946
	Million ft. b.m.	Million ft. b.m.	Million ft. b.m.	Million ft. b.m.		Million ft. b.m.	Million ft. b.m.	Million ft. b.m.	Million ft. b.m.
Maine.....	288	402	374	691	South Carolina.....	1,001	902	727	994
New Hampshire.....	392	357	290	382	Georgia.....	1,357	1,408	1,510	1,982
Vermont.....	138	188	195	261	Florida.....	507	445	484	593
Massachusetts.....	96	109	89	111	South Atlantic.....	6,852	6,188	5,545	7,480
Rhode Island.....	3	5	2	6	Kentucky.....	531	506	422	580
Connecticut.....	21	27	17	30	Tennessee.....	768	788	627	893
New England.....	938	1,088	967	1,481	Alabama.....	2,142	1,730	1,585	2,158
New York.....	271	318	284	656	Mississippi.....	1,634	1,332	1,313	1,542
New Jersey.....	30	26	31	35	E. S. Central.....	5,075	4,356	3,947	5,173
Pennsylvania.....	447	499	464	682	Arkansas.....	1,450	1,262	1,090	1,245
Middle Atlantic.....	748	843	779	1,373	Louisiana.....	1,082	940	1,024	1,060
Ohio.....	276	263	256	411	Oklahoma.....	96			88
Indiana.....	156	176	147	264	Texas.....	1,129	1,090	933	1,340
Illinois.....	92	102	66	167	W. S. Central.....	3,757	3,292	3,047	3,733
Michigan.....	407	553	421	595	Montana.....	423	448	342	414
Wisconsin.....	391	433	316	409	Idaho.....	890	910	780	864
E. N. Central.....	1,322	1,527	1,206	1,846	Wyoming.....	48	59	54	64
Minnesota.....	196	242	186	260	Colorado.....	89	87	88	139
Iowa.....	54	57	73	91	New Mexico.....	109	105	99	144
Missouri.....	291	335	241	525	Arizona.....	152	172	158	241
South Dakota.....	45	43	45	53	Utah.....	27	29	29	50
Nebraska.....	8				Mountain.....	1,738	1,910	1,550	1,916
Kansas.....	21	16	14	20	Washington.....	4,490	4,350	3,258	3,422
W. N. Central.....	615	693	559	949	Oregon.....	6,401	6,322	5,003	6,327
Delaware.....	22	24	22	34	California.....	2,353	2,469	2,261	2,681
Maryland.....	132	120	116	167	Pacific.....	13,244	13,141	10,522	12,430
Virginia.....	1,098	1,217	995	1,217	United States.....	34,289	32,938	28,122	36,383
West Virginia.....	655	631	476	891					
North Carolina.....	1,580	1,441	1,215	1,602					

<sup>1</sup> Includes the cut of Nebraska.<sup>2</sup> Includes the cut of Oklahoma.<sup>3</sup> Includes the cut of Nevada.

Forest Service. Data for 1943, 1944, and 1945 from Bureau of the Census with cooperation of the Forest Service and the Tennessee Valley Authority. 1946 data are Forest Service estimates, subject to revision.

TABLE 789.—*Turpentine and rosin: Reported industrial consumption, United States, average 1935-39, annual 1945-47*

Industry	Turpentine					Rosin			
	Average, crop years 1935-39	Crop year beginning Apr. 1—			Average, crop years 1935-39	Crop year beginning Apr. 1—			
		1945	1946	1947		1945	1946	1947	
	Barrels <sup>1</sup>	Barrels <sup>1</sup>	Barrels <sup>1</sup>	Barrels <sup>1</sup>	Drums <sup>2</sup>	Drums <sup>2</sup>	Drums <sup>2</sup>	Drums <sup>2</sup>	
Abattoirs.....	0	0	0	0	1,862	455	590	618	
Adhesives and plastics.....	651	264	228	166	14,727	22,656	20,249	18,095	
Asphaltic products.....	2	0	56	499	1,061	1,727	1,622	1,632	
Automobiles and wagons.....	565	161	91	74	1,228	109	442	219	
Chemicals and pharmaceuticals <sup>3</sup> .....	22,495	107,078	91,352	96,878	84,470	272,303	344,207	350,103	
Ester gum and synthetic resins.....	4	16,945	14,444	17,178	87,688	250,835	269,406	257,929	
Foundries and foundry supplies.....	681	616	809	882	9,937	14,364	13,197	10,004	
Furniture.....	608	164	174	153	35	3	4	6	
Insecticides and disinfectants.....	481	16	15	25	3,632	5,407	5,170	3,338	
Linoleum and floor covering.....	79	36	3	1	24,237	9,602	20,209	33,532	
Matches.....	0	0	0	0	2,174	1,304	1,937	1,121	
Oils and greases.....	75	72	27	25	23,225	26,431	17,493	13,193	
Paint, varnish and lacquer.....	57,815	17,828	17,059	15,048	113,917	101,240	113,555	112,890	
Paper and paper size.....	0	0	0	0	285,136	274,022	341,772	347,162	
Printing ink.....	270	216	200	154	11,001	7,435	9,392	7,530	
Railroads and shipyards.....	4,468	8,518	6,390	4,910	509	17,747	8,827	4,653	
Rubber.....	339	629	399	357	2,722	21,234	26,288	17,741	
Shoe polish and shoe materials.....	11,089	11,336	8,652	4,143	7,472	5,604	5,362	5,166	
Soap.....	109	0	0	0	210,974	182,683	152,808	144,090	
Other industries.....	1,370	211	180	116	3,269	4,073	4,615	3,717	
Total.....	101,101	164,090	140,059	140,609	889,286	1,210,234	1,356,945	1,332,739	

<sup>1</sup> Barrels of 50 gallons.<sup>2</sup> Drums of 520 pounds net weight.<sup>3</sup> Beginning with the 1936 season, includes turpentine and rosin consumed in naval stores producer's plants in the production of unclassified derived products.

Bureau of Agricultural and Industrial Chemistry and Bureau of Agricultural Economics.



TABLE 790.—*Gum naval stores: Prices and value, 1932-47*

Crop year beginning April—	Weighted average market price at Savannah			Season's market value of production <sup>3</sup>		
	Turpen- tine, per gallon <sup>1</sup>	Rosin, per 100 lb., net	Per unit <sup>2</sup>	Turpen- tine	Rosin	Turpen- tine and rosin
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1932.....	0.388	1.23	36.46	9,719	8,716	18,435
1933.....	.427	1.69	44.79	11,230	12,571	23,801
1934.....	.456	1.98	50.26	11,628	14,283	25,911
1935.....	.436	1.97	49.12	10,835	13,942	24,777
1936.....	.375	2.79	57.44	9,052	18,662	27,714
1937.....	.314	3.20	60.07	8,140	23,102	31,242
1938.....	.226	2.18	41.53	6,037	16,622	22,659
1939.....	.253	2.37	45.51	4,842	12,992	17,834
1940.....	.300	1.98	42.46	5,150	9,667	14,826
1941.....	.527	2.42	59.91	7,511	9,963	17,474
1942.....	.591	3.22	74.20	9,513	14,545	24,058
1943.....	.679	3.97	80.00	9,791	16,176	25,967
1944.....	.779	5.61	116.74	9,550	20,193	29,743
1945.....	.791	6.50	129.69	9,660	23,473	33,133
1946.....	.967	7.43	151.38	13,068	29,075	42,143
1947.....	.627	7.83	139.93	9,218	33,718	42,936

<sup>1</sup> Savannah market prices for turpentine include container through 1940 but are exclusive of container for 1941 and thereafter.

<sup>2</sup> Unit: one barrel (50 gallons) of turpentine plus 2 2/3 drums (520 pounds net each) of rosin.

<sup>3</sup> Season's market value represents total production of gum naval stores for each crop year, multiplied by the weighted average market price at Savannah.

Bureau of Agricultural and Industrial Chemistry and Bureau of Agricultural Economics.

TABLE 791.—Turpentine: Supply and distribution, United States, 1938-47

SUPPLY													
Crop year beginning April—	Stocks, Apr. 1			Production					Imports for consumption <sup>1</sup>		Total supply		
	Gum	Wood	Total	Gum	Wood		Total	Gum	Wood	Total	Gum	Wood	Total
					Sulfate	Destructively distilled							
Barrels <sup>2</sup>	Barrels <sup>2</sup>	Barrels <sup>2</sup>	Barrels <sup>2</sup>	Barrels <sup>2</sup>	Barrels <sup>2</sup>	Barrels <sup>2</sup>	Barrels <sup>2</sup>	Barrels <sup>2</sup>	Barrels <sup>2</sup>	Barrels <sup>2</sup>	Barrels <sup>2</sup>	Barrels <sup>2</sup>	
1938	174,296	41,598	215,894	534,291	129,091	40,467	5,360	174,927	709,218	15,319	729,816	219,495	944,311
1939	272,658	41,665	314,323	382,781	158,575	56,631	6,791	221,997	604,778	16,492	621,270	203,682	824,952
1940	167,943	52,324	220,267	343,938	161,161	64,986	7,161	222,403	666,341	16,688	683,029	203,296	886,325
1941	146,735	63,175	209,910	285,050	190,048	64,986	8,712	203,746	548,796	13,632	562,428	172,338	734,766
1942	86,448	69,921	156,369	321,930	148,166	84,484	3,834	220,421	560,351	11,288	571,639	242,728	814,368
1943	213,285	74,928	288,213	288,382	125,171	91,045	4,477	220,050	608,432	17,818	626,248	294,978	921,416
1944	262,057	33,524	295,581	245,194	117,265	104,307	4,516	223,049	471,243	15,382	486,631	259,573	740,806
1945	168,011	34,535	202,546	244,252	129,101	110,262	4,516	223,049	471,243	15,382	486,631	259,573	740,806
1946	34,433	106,749	141,182	270,256	127,060	124,161	5,820	263,875	640,803	15,659	656,464	141,069	797,533
1947	34,433	65,772	100,205	294,028	208,860	134,160	5,820	340,875	640,803	15,659	656,464	141,069	797,533

DISTRIBUTION																								
Crop year beginning April—	Exports <sup>1</sup>			Stocks, Mar. 31			Apparent consumption (disappearance) <sup>2</sup>			Reported industrial consumption <sup>4</sup>			Unaccounted for <sup>3</sup>											
	Gum	Wood	Total	Gum	Wood	Total	Gum	Wood	Total	Gum	Wood	Total	Gum	Wood	Total									
																Gum	Wood	Total	Gum	Wood	Total	Gum	Wood	Total
1938	174,296	41,598	215,894	314,323	129,091	40,467	5,360	174,927	709,218	15,319	729,816	219,495	944,311	219,495	944,311	944,311								
1939	272,658	41,665	314,323	382,781	158,575	56,631	6,791	221,997	604,778	16,492	621,270	203,682	824,952	203,682	824,952	824,952								
1940	167,943	52,324	220,267	343,938	161,161	64,986	7,161	222,403	666,341	16,688	683,029	203,296	886,325	203,296	886,325	886,325								
1941	146,735	63,175	209,910	285,050	190,048	64,986	8,712	203,746	548,796	13,632	562,428	172,338	734,766	172,338	734,766	734,766								
1942	86,448	69,921	156,369	321,930	148,166	84,484	3,834	220,421	560,351	11,288	571,639	242,728	814,368	242,728	814,368	814,368								
1943	213,285	74,928	288,213	288,382	125,171	91,045	4,477	220,050	608,432	17,818	626,248	294,978	921,416	294,978	921,416	921,416								
1944	262,057	33,524	295,581	245,194	117,265	104,307	4,516	223,049	471,243	15,382	486,631	259,573	740,806	259,573	740,806	740,806								
1945	168,011	34,535	202,546	244,252	129,101	110,262	4,516	223,049	471,243	15,382	486,631	259,573	740,806	259,573	740,806	740,806								
1946	34,433	106,749	141,182	270,256	127,060	124,161	5,820	263,875	640,803	15,659	656,464	141,069	797,533	141,069	797,533	797,533								
1947	34,433	65,772	100,205	294,028	208,860	134,160	5,820	340,875	640,803	15,659	656,464	141,069	797,533	141,069	797,533	797,533								

1 Reports of Department of Commerce.

2 Barrels of 50 gallons.

3 Total supply, less exports and Mar. 31 stocks.

4 Includes turpentine used in producers' plants in production of unclassified derived products.

5 Chiefly unreported retail sales.

Bureau of Agricultural and Industrial Chemistry and Bureau of Agricultural Economics. Data for 1932-37 in Agricultural Statistics, 1947, table 767.

<sup>1</sup> Reports of Department of Commerce.<sup>2</sup> Barrels of 50 gallons.<sup>3</sup> Total supply, less exports and Mar. 31 stocks.<sup>4</sup> Includes turpentine used in producers' plants in production of unclassified derived products.<sup>5</sup> Chiefly unreported retail sales.

Bureau of Agricultural and Industrial Chemistry and Bureau of Agricultural Economics. Data for 1932-37 in Agricultural Statistics, 1947, table 767.

TABLE 792.—*Rosin: Supply and distribution, United States, 1938-47*  
SUPPLY

Crop year beginning April—	Stocks, Apr. 1			Production				Imports <sup>1</sup>		Total supply	
	Gum	Wood	Total	Gum		Wood		Gum	Total	Gum	Wood
				New	Re-claimed	Total	Steam distilled				
	Drams <sup>2</sup>	Drams <sup>2</sup>	Drams <sup>2</sup>	Drams <sup>2</sup>	Drams <sup>2</sup>	Drams <sup>2</sup>	Drams <sup>2</sup>	Drams <sup>2</sup>	Drams <sup>2</sup>	Drams <sup>2</sup>	Drams <sup>2</sup>
1938.....	612,804	157,744	770,548	1,343,831	31,883	1,375,714	910,380	2,076,082	2,076,082	2,076,082	2,870,436
1939.....	1,127,800	1,294,576	2,422,376	1,629,322	31,883	1,661,205	1,010,380	2,737,585	2,737,585	2,737,585	3,530,000
1940.....	1,127,719	1,277,768	2,405,487	1,629,322	31,883	1,661,205	1,010,380	2,737,585	2,737,585	2,737,585	3,530,000
1941.....	1,322,588	1,776,740	3,099,328	1,918,945	20,184	1,939,129	1,278,581	3,217,710	3,217,710	3,217,710	4,030,433
1942.....	1,684,654	2,147,742	3,832,396	2,577,401	19,785	2,597,186	1,710,764	4,307,950	4,307,950	4,307,950	5,110,433
1943.....	1,059,537	1,284,229	2,343,766	1,773,741	9,824	1,783,565	787,105	2,570,670	2,570,670	2,570,670	3,360,748
1944.....	1,648,206	1,466,580	3,114,786	2,577,401	9,824	2,587,225	1,278,581	3,865,806	3,865,806	3,865,806	4,676,433
1945.....	265,881	122,385	388,266	685,938	8,538	694,476	757,590	1,452,066	1,452,066	1,452,066	1,850,007
1946.....	237,504	138,394	375,898	744,086	8,449	752,535	757,590	1,510,125	1,510,125	1,510,125	1,906,338
1947.....	127,284	95,417	222,701	525,783	4,345	530,128	1,162,703	1,720,248	1,720,248	1,720,248	2,113,814

## DISTRIBUTION

Crop year beginning April—	Exports <sup>2</sup>			Stocks, Mar. 31			Apparent consumption (disappearance) <sup>3</sup>			Reported industrial consumption <sup>4</sup>			Unaccounted for <sup>5</sup>		
	Gum	Wood	Total	Gum	Wood	Total	Gum	Wood	Total	Gum	Wood	Total	Gum	Wood	Total
	Drams <sup>2</sup>	Drams <sup>2</sup>	Drams <sup>2</sup>	Drams <sup>2</sup>	Drams <sup>2</sup>	Drams <sup>2</sup>	Drams <sup>2</sup>	Drams <sup>2</sup>	Drams <sup>2</sup>	Drams <sup>2</sup>	Drams <sup>2</sup>	Drams <sup>2</sup>	Drams <sup>2</sup>	Drams <sup>2</sup>	Drams <sup>2</sup>
1938.....	401,013	286,212	687,225	1,119,256	178,277	1,297,533	585,780	362,855	948,635	821,635	157,000	978,635	821,635	157,000	978,635
1939.....	471,076	306,028	777,104	1,277,119	177,746	1,454,865	625,404	396,369	1,021,773	903,377	118,396	1,021,773	903,377	118,396	1,021,773
1940.....	576,346	384,654	960,999	1,409,328	177,746	1,587,074	725,404	436,369	1,161,773	1,021,773	139,999	1,161,773	1,021,773	139,999	1,161,773
1941.....	342,935	233,411	576,346	984,654	163,088	1,147,742	798,361	497,094	1,295,455	1,161,773	133,682	1,295,455	1,161,773	133,682	1,295,455
1942.....	189,578	139,586	329,164	1,059,837	224,392	1,284,229	605,151	391,391	996,542	1,161,773	134,769	1,296,542	1,161,773	134,769	1,296,542
1943.....	131,007	143,680	274,687	648,206	146,560	794,766	888,526	613,401	1,501,927	1,312,660	189,267	1,501,927	1,312,660	189,267	1,501,927
1944.....	160,092	155,691	315,783	398,296	122,385	520,681	931,683	694,304	1,625,987	1,541,366	84,621	1,625,987	1,541,366	84,621	1,625,987
1945.....	105,354	101,456	206,810	237,504	138,394	375,898	627,284	640,095	1,267,379	1,212,234	55,145	1,267,379	1,212,234	55,145	1,267,379
1946.....	320,475	180,972	501,447	127,284	95,417	222,701	542,472	1,372,718	1,372,718	1,356,945	16,773	1,372,718	1,356,945	16,773	1,372,718
1947.....	285,738	206,813	492,551	162,090	115,890	277,980	497,866	846,412	1,344,278	876,000	468,278	1,344,278	876,000	468,278	1,344,278

<sup>1</sup> Rosin, not for violins; imports for consumption, as reported by the Department of Commerce.<sup>2</sup> Drums of 520 pounds net weight.<sup>3</sup> Reports of Department of Commerce.<sup>4</sup> Total supply, less exports and Mar. 31 stocks.<sup>5</sup> Includes rosin used in producers' plants in production of unclassified derived products.<sup>6</sup> Chiefly unreported industrial consumption and some modified or derived rosin unreported as rosin.

Bureau of Agricultural and Industrial Chemistry and Bureau of Agricultural Economics. Data for 1932-37 in Agricultural Statistics, 1947, table 768.

## CHAPTER XI

TABLE 793.—*Precipitation: Normal and 1947, at selected points in United States 1*

Station	January		February		March		April		May		June		July		August		September		October		November		December		Annual		
	Nor-	mal	1947	Nor-	mal	1947	Nor-	mal	1947	Nor-	mal	1947	Nor-	mal	1947	Nor-	mal	1947	Nor-	mal	1947	Nor-	mal	1947			
Greenville, Me.	2.88	2.21	2.72	6.37	2.96	4.17	2.92	2.30	3.22	5.42	3.72	4.71	4.26	6.37	3.37	1.02	3.75	2.85	3.56	0.66	3.96	5.54	3.13	1.41	39.55	43.03	
Burlington, Vt.	2.51	1.57	1.42	2.04	2.07	1.70	2.15	1.39	2.85	5.06	3.38	4.49	4.90	3.98	3.37	1.83	3.48	2.90	2.97	1.88	3.60	5.54	3.13	1.41	39.55	43.03	
Boston, Mass.	3.10	3.51	3.17	3.51	3.14	3.57	3.20	3.34	3.15	3.36	2.89	2.88	3.49	4.90	3.37	1.83	3.48	2.90	2.97	1.88	3.60	5.54	3.13	1.41	39.55	43.03	
Buffalo, N. Y.	3.30	4.65	3.57	3.51	3.14	3.57	3.20	3.34	3.15	3.36	2.89	2.88	3.49	4.90	3.37	1.83	3.48	2.90	2.97	1.88	3.60	5.54	3.13	1.41	39.55	43.03	
Albany, N. Y.	2.50	4.29	2.27	1.69	2.50	2.95	2.59	2.36	3.10	4.83	2.82	4.41	3.30	3.54	3.08	1.55	3.55	3.60	3.03	3.29	6.02	4.01	3.36	1.96	38.00	35.16	
Trenton, N. J.	3.31	3.04	3.27	1.69	2.50	2.95	2.59	2.36	3.10	4.83	2.82	4.41	3.30	3.54	3.08	1.55	3.55	3.60	3.03	3.29	6.02	4.01	3.36	1.96	38.00	35.16	
Pittsburgh, Pa.	3.05	4.02	2.62	1.30	3.03	1.59	2.77	6.64	3.21	4.48	3.51	4.78	3.49	4.25	2.67	2.37	2.58	1.43	2.52	2.64	7.73	4.84	3.35	1.88	40.04	40.36	
Saratoga, Pa.	3.05	4.02	2.62	1.30	3.03	1.59	2.77	6.64	3.21	4.48	3.51	4.78	3.49	4.25	2.67	2.37	2.58	1.43	2.52	2.64	7.73	4.84	3.35	1.88	40.04	40.36	
Cincinnati, Ohio	2.51	4.47	2.96	3.33	3.89	1.60	3.12	4.38	3.12	6.04	3.12	6.07	3.45	4.69	3.41	1.15	3.53	2.63	2.78	2.82	3.60	3.39	2.82	1.70	38.62	38.62	
Cleveland, Ohio	2.51	4.47	2.96	3.33	3.89	1.60	3.12	4.38	3.12	6.04	3.12	6.07	3.45	4.69	3.41	1.15	3.53	2.63	2.78	2.82	3.60	3.39	2.82	1.70	38.62	38.62	
Evansville, Ind.	2.93	3.93	3.74	3.27	4.19	2.58	3.90	5.87	3.89	4.18	3.62	4.77	3.34	2.19	3.11	3.16	3.30	3.26	3.40	2.56	2.60	2.51	2.63	2.57	34.01	34.01	
Indianapolis, Ind.	2.93	3.93	3.74	3.27	4.19	2.58	3.90	5.87	3.89	4.18	3.62	4.77	3.34	2.19	3.11	3.16	3.30	3.26	3.40	2.56	2.60	2.51	2.63	2.57	34.01	34.01	
Fort Wayne, Ind.	2.93	3.93	3.74	3.27	4.19	2.58	3.90	5.87	3.89	4.18	3.62	4.77	3.34	2.19	3.11	3.16	3.30	3.26	3.40	2.56	2.60	2.51	2.63	2.57	34.01	34.01	
Chicago, Ill.	1.78	2.07	1.70	1.55	2.25	3.25	2.35	2.67	4.06	3.39	3.50	3.19	3.22	3.52	3.25	3.21	3.28	3.59	2.76	2.82	3.60	3.39	2.82	1.70	38.62	38.62	
Pooris, Ill.	1.78	2.07	1.70	1.55	2.25	3.25	2.35	2.67	4.06	3.39	3.50	3.19	3.22	3.52	3.25	3.21	3.28	3.59	2.76	2.82	3.60	3.39	2.82	1.70	38.62	38.62	
Cairo, Ill.	2.35	2.31	2.24	8.1	2.48	2.34	2.77	6.47	2.44	3.67	2.44	3.67	2.44	3.67	2.44	3.67	2.44	3.67	2.44	3.67	2.44	3.67	2.44	3.67	2.44	34.01	34.01
Grand Rapids, Mich.	2.35	2.31	2.24	8.1	2.48	2.34	2.77	6.47	2.44	3.67	2.44	3.67	2.44	3.67	2.44	3.67	2.44	3.67	2.44	3.67	2.44	3.67	2.44	3.67	2.44	34.01	34.01
Alpena, Mich.	1.89	2.12	1.71	7.29	2.06	1.16	2.43	2.98	3.28	2.96	3.85	3.78	3.70	3.14	3.84	3.25	3.13	3.53	3.21	3.15	2.54	3.84	1.11	1.29	31.74	35.06	
Marquette, Mich.	1.89	2.12	1.71	7.29	2.06	1.16	2.43	2.98	3.28	2.96	3.85	3.78	3.70	3.14	3.84	3.25	3.13	3.53	3.21	3.15	2.54	3.84	1.11	1.29	31.74	35.06	
Madison, Wis.	1.38	2.58	1.50	1.52	2.04	1.47	2.67	4.89	3.65	3.78	3.70	3.14	3.84	3.25	3.13	3.53	3.21	3.15	2.54	3.84	1.11	1.29	31.74	35.06			
Green Bay, Wis.	1.54	1.08	1.56	5.1	2.04	1.47	2.67	4.89	3.65	3.78	3.70	3.14	3.84	3.25	3.13	3.53	3.21	3.15	2.54	3.84	1.11	1.29	31.74	35.06			
Minneapolis, Minn.	.87	.49	1.05	4.2	1.54	.82	2.06	3.07	2.25	3.52	2.17	3.31	3.14	3.76	3.96	3.12	3.43	2.88	2.99	2.40	3.46	1.44	1.70	1.84	14.4	14.4	
Duluth, Minn.	.87	.49	1.05	4.2	1.54	.82	2.06	3.07	2.25	3.52	2.17	3.31	3.14	3.76	3.96	3.12	3.43	2.88	2.99	2.40	3.46	1.44	1.70	1.84	14.4	14.4	
Des Moines, Iowa	1.90	1.12	2.25	2.04	2.91	6.51	5.48	4.76	14.17	3.50	8.82	3.52	4.18	3.67	2.22	2.48	1.88	2.58	2.40	2.22	2.48	1.88	2.58	2.40	2.22	2.48	2.22
Dubuque, Iowa	1.90	1.12	2.25	2.04	2.91	6.51	5.48	4.76	14.17	3.50	8.82	3.52	4.18	3.67	2.22	2.48	1.88	2.58	2.40	2.22	2.48	1.88	2.58	2.40	2.22	2.48	2.22
St. Louis, Mo.	2.34	2.23	2.35	3.1	2.48	2.34	2.77	6.47	2.44	3.67	2.44	3.67	2.44	3.67	2.44	3.67	2.44	3.67	2.44	3.67	2.44	3.67	2.44	3.67	2.44	34.01	34.01
St. Joseph, Mo.	1.28	.89	1.67	3.1	2.48	2.34	2.77	6.47	2.44	3.67	2.44	3.67	2.44	3.67	2.44	3.67	2.44	3.67	2.44	3.67	2.44	3.67	2.44	3.67	2.44	34.01	34.01
Bismarck, N. Dak.	2.34	3.23	3.35	3.39	3.35	3.39	3.35	3.39	3.35	3.39	3.35	3.39	3.35	3.39	3.35	3.39	3.35	3.39	3.35	3.39	3.35	3.39	3.35	3.39	3.35	3.39	3.35
Devils Lake, N. Dak.	.45	.44	.44	.44	.44	.44	.44	.44	.44	.44	.44	.44	.44	.44	.44	.44	.44	.44	.44	.44	.44	.44	.44	.44	.44	.44	.44
Huron, S. Dak.	.56	.57	.54	.36	.91	1.26	2.24	2.06	1.94	2.78	2.75	3.29	4.40	4.18	4.54	4.18	4.54	4.18	4.54	4.18	4.54	4.18	4.54	4.18	4.54	4.18	4.54
North Platte, Neb.	.71	.89	1.18	1.37	.87	2.51	3.36	3.85	4.11	3.77	4.65	4.66	4.38	3.78	4.91	4.91	4.91	4.91	4.91	4.91	4.91	4.91	4.91	4.91	4.91	4.91	4.91
Omaha, Neb.	.88	.16	1.23	2.31	2.36	3.85	4.18	3.90	4.41	4.39	4.38	3.28	2.89	3.34	2.17	2.67	1.85	1.90	.00	.25	.99	.89	1.00	.98	.00	1.00	.98
Dodge City, Kans.	.61	.55	.88	.06	.88	1.54	1.94	3.59	2.89	4.01	4.09	4.38	3.27	3.38	2.89	3.34	2.17	2.67	1.85	1.90	.00	.25	.99	.89	1.00	.98	.00
Wichita, Kans.	.71	.77	.77	.77	.77	.77	.77	.77	.77	.77	.77	.77	.77	.77	.77	.77	.77	.77	.77	.77	.77	.77	.77	.77	.77	.77	.77
Washington, D. C.	3.55	3.37	3.37	3.37	3.37	3.37	3.37	3.37	3.37	3.37	3.37	3.37	3.37	3.37	3.37	3.37	3.37	3.37	3.37	3.37	3.37	3.37	3.37	3.37	3.37	3.37	3.37
Lynchburg, Va.	3.16	4.20	3.13	3.13	3.13	3.13	3.13	3.13	3.13	3.13	3.13	3.13	3.13	3.13	3.13	3.13	3.13	3.13	3.13	3.13	3.13	3.13	3.13	3.13	3.13	3.13	3.13
Norfolk, Va.	3.16	4.20	3.13	3.13	3.13	3.13	3.13	3.13	3.13	3.13	3.13	3.13	3.13	3.13	3.13	3.13	3.13	3.13	3.13	3.13	3.13	3.13	3.13	3.13	3.13	3.13	3.13
Parkersburg, W. Va.	3.58	5.74	3.13	1.04	1.96	3.19	3.19	3.19	3.19	3.19	3.19	3.19	3.19	3.19	3.19	3.19	3.19	3.19	3.19	3.19	3.19	3.19	3.19	3.19	3.19	3.19	3.19

# PRECIPITATION STATISTICS

715

Lexington, Ky.	4.18	6.69	3.62	1.85	4.32	1.82	3.50	4.83	3.81	4.75	4.05	5.15	3.05	3.01	3.45	2.88	3.07	2.65	2.59	2.79	3.34	3.32	3.71	1.70	43.35	40.37
Charlotte, N. C.	4.00	6.62	4.18	1.50	4.37	1.82	3.31	2.92	3.81	2.08	4.22	3.31	7.13	10.35	6.53	6.70	4.53	10.19	3.27	6.09	2.57	7.14	2.50	5.54	46.95	49.09
Wilmington, N. C.	3.29	3.18	3.28	1.67	3.17	6.15	2.61	3.79	3.46	2.92	4.22	6.13	7.13	10.35	6.53	6.70	4.53	10.19	3.27	6.09	2.57	7.14	2.50	5.54	46.95	49.09
Charleston, S. C.	3.02	1.06	2.08	3.65	3.02	2.76	2.53	4.37	3.30	2.70	4.55	7.77	5.36	7.89	5.50	4.70	5.67	3.04	1.35	2.69	3.50	3.11	9.05	4.21	40.75	35.09
Greenville, S. C.	4.87	6.73	5.18	1.01	5.15	4.05	3.72	2.58	4.03	2.70	4.55	7.77	5.36	7.89	5.50	4.70	5.67	3.04	1.35	2.69	3.50	3.11	9.05	4.21	40.75	35.09
Atlanta, Ga.	5.03	8.09	5.06	2.20	5.41	8.09	3.72	5.74	3.62	4.90	5.34	8.83	4.84	1.47	4.70	5.67	3.04	1.35	2.69	3.50	3.11	9.05	4.21	40.75	35.09	42.95
Thomasville, Ga.	4.10	5.18	4.46	1.53	4.09	8.17	3.34	7.21	3.63	4.90	5.45	3.71	6.70	4.52	4.70	5.67	3.04	1.35	2.69	3.50	3.11	9.05	4.21	40.75	35.09	64.95
Jacksonville, Fla.	2.80	4.51	2.97	4.36	2.91	5.11	2.38	4.22	4.02	3.31	5.33	9.02	6.71	7.01	5.81	4.93	7.35	15.80	6.70	4.46	13.50	7.34	3.02	6.08	49.77	69.18
Miami, Fla.	2.27	1.47	2.03	2.01	2.63	1.63	3.41	6.02	7.15	3.35	7.17	9.16	5.00	7.80	6.88	7.34	8.55	13.65	7.74	13.49	3.20	2.56	1.98	1.70	57.77	69.18
Memphis, Tenn.	4.81	5.94	4.36	7.71	5.26	1.96	4.78	4.56	4.49	4.48	3.35	5.49	3.88	5.13	3.36	2.42	2.69	1.61	3.50	2.74	4.20	2.57	4.51	3.36	47.72	41.11
Nashville, Tenn.	5.76	8.54	4.13	8.91	5.11	2.59	4.13	4.01	3.87	4.58	4.40	1.16	3.88	5.13	3.36	2.42	2.69	1.61	3.50	2.74	4.20	2.57	4.51	3.36	47.72	41.11
Birmingham, Ala.	4.59	6.74	5.25	2.97	5.06	3.30	4.81	7.23	3.38	4.46	4.55	1.39	3.88	5.13	3.36	2.42	2.69	1.61	3.50	2.74	4.20	2.57	4.51	3.36	47.72	41.11
Mobile, Ala.	4.85	8.70	5.23	2.97	5.08	4.78	3.31	4.32	6.41	4.55	2.21	4.89	2.81	4.54	3.88	2.96	3.58	2.59	1.73	3.29	7.02	5.23	4.00	52.98	58.65	70.26
Meridian, Miss.	5.32	12.14	4.45	1.57	5.23	5.08	4.78	3.31	4.32	3.30	3.90	2.14	4.33	1.92	3.46	2.65	2.87	4.88	3.77	3.59	3.71	6.61	5.33	5.86	51.93	53.15
Vicksburg, Miss.	5.37	11.01	4.82	1.41	5.57	4.66	5.19	8.12	4.32	3.30	3.90	2.14	4.33	1.92	3.46	2.65	2.87	4.88	3.77	3.59	3.71	6.61	5.33	5.86	51.93	53.15
New Orleans, La.	4.34	8.22	4.25	2.73	4.72	8.24	9.01	4.37	6.30	5.88	7.01	6.37	3.25	5.80	5.28	5.03	5.36	4.68	3.30	4.68	3.14	14.41	4.79	8.51	57.46	81.31
Shreveport, La.	3.93	3.57	3.29	3.60	4.11	6.19	4.63	6.40	4.22	8.24	3.50	2.02	3.56	8.4	2.70	2.80	3.52	2.69	1.76	3.65	4.93	4.93	4.20	5.84	43.37	44.28
Amarillo, Tex.	1.50	2.27	1.21	1.09	1.26	3.22	1.43	1.44	2.27	3.65	2.87	1.14	1.96	2.61	2.56	6.93	5.52	2.34	3.29	1.54	1.98	1.76	1.50	1.74	27.40	23.98
Brownsville, Tex.	2.46	87	4.21	T	3.66	66	26	06	33	68	58	53	1.99	97	1.70	1.63	1.25	0.2	80	3.35	5.0	5.3	5.2	8.2	9.16	7.12
El Paso, Tex.	2.05	1.21	1.76	55	2.32	2.92	4.02	2.98	4.65	2.50	3.35	4.08	2.61	1.10	2.02	4.18	2.49	2.81	2.81	2.14	2.58	2.23	1.87	4.50	33.13	30.21
Port Worth, Tex.	4.41	2.83	2.83	99	3.08	3.46	3.06	1.28	3.42	3.88	4.37	6.06	3.71	1.50	4.28	5.85	5.57	1.48	4.30	2.11	3.33	3.66	3.75	3.19	37.15	37.32
San Antonio, Tex.	1.19	53	1.81	1.02	0.68	48	3.29	0.10	4.88	7.92	4.67	2.07	2.56	5.13	2.80	1.19	3.05	4.86	7.9	1.87	1.68	1.50	2.35	31.15	36.50	
Oklahoma City, Okla.	4.73	2.14	3.84	5.19	4.62	1.53	5.19	6.10	4.78	6.87	3.76	4.95	3.03	1.03	3.75	1.09	3.17	2.96	2.71	5.57	4.19	6.27	4.14	4.34	48.38	43.36
Little Rock, Ark.	7.23	23	50	37	51	98	90	85	2.04	1.5	2.80	2.95	1.87	1.13	1.22	1.41	1.29	1.74	67	48	61	38	61	27	13.90	10.94
Hayes, Mont.	66	34	49	19	86	1.10	1.12	1.84	2.24	6.6	2.66	3.87	1.54	1.75	1.08	1.73	1.04	1.31	90	37	57	31	63	28	13.79	11.75
Miles City, Mont.	1.57	1.00	1.11	90	95	90	90	65	1.46	1.79	2.66	4.56	1.10	4.7	8.7	3.28	1.24	99	1.06	2.16	3.35	1.22	1.45	81	15.02	18.73
Kalispell, Mont.	4.42	5.04	1.64	69	1.02	81	1.99	1.55	2.43	2.19	1.61	3.75	1.22	1.87	1.55	1.37	1.20	78	9.6	2.12	5.2	78	55	52	14.99	16.97
Cheyenne, Wyo.	8.5	55	70	1.16	1.31	1.92	1.89	2.65	2.59	2.04	5.02	1.22	3.0	91	1.52	1.37	1.20	78	9.6	2.12	5.2	78	55	52	14.99	16.97
Sheridan, Wyo.	3.1	25	47	79	59	62	1.31	2.25	1.60	2.99	1.36	3.43	1.94	1.24	1.82	1.04	1.75	4.5	6.6	2.10	3.0	42	50	1.67	18.74	
Sueblo, Colo.	5.0	60	38	11	76	60	83	59	81	41	40	1.38	61	0.9	1.17	1.27	0.2	95	1.98	57	69	63	43	8.6	5.74	
Grand Junction, Colo.	6.0	62	38	11	76	60	83	59	81	41	40	1.38	61	0.9	1.17	1.27	0.2	95	1.98	57	69	63	43	8.6	5.74	
Albuquerque, N. Mex.	53	81	57	108	63	50	103	109	1.7	1.67	0.7	2.5	2.36	1.35	1.15	1.37	1.2	32	85	33	85	33	66	83	14.94	8.26
Roswell, N. Mex.	80	103	57	108	63	50	103	109	1.7	1.67	0.7	2.5	2.36	1.35	1.15	1.37	1.2	32	85	33	85	33	66	83	14.94	8.26
Phoenix, Ariz.	85	12	95	103	52	89	57	79	2.03	32	35	1.08	21	1.29	1.29	1.21	75	39	47	0.6	70	60	1	32	7.78	3.22
Modena, Utah	98	103	52	89	57	79	2.03	32	35	1.08	21	1.29	1.29	1.21	75	39	47	0.6	70	60	1	32	7.78	3.22		
Salt Lake City, Utah	98	103	52	89	57	79	2.03	32	35	1.08	21	1.29	1.29	1.21	75	39	47	0.6	70	60	1	32	7.78	3.22		
Winnemucca, Nev.	1.03	30	91	42	96	38	84	68	1.40	72	28	0.21	0.0	1.38	0.8	1.01	1.31	2.43	1.16	1.88	1.40	1.58	1.40	79	14.50	16.97
Boise, Idaho	1.73	50	1.44	44	1.35	1.84	1.18	1.52	1.43	1.02	0.92	80	24	0.0	20	0.1	41	62	2.5	4.61	6.62	1.08	45	8.54	6.24	
Seattle, Wash.	4.94	3.79	3.89	4.08	3.05	2.65	2.38	1.87	1.87	6.0	1.33	2.29	6.3	5.8	7.0	5.4	1.77	8.1	2.84	7.43	5.03	3.66	5.60	6.26	13.10	10.08
Walla Walla, Wash.	1.96	1.41	1.76	5.4	1.61	8.2	1.51	2.69	1.61	3.7	1.12	2.08	3.9	6.2	4.9	1.27	9.8	9.6	3.12	9.70	6.10	3.31	3.72	4.79	31.01	36.00
Portland, Ore.	6.00	4.28	5.36	3.12	3.91	5.29	2.87	2.69	2.19	8.7	1.62	2.05	6.1	1.30	6.4	1.27	9.8	9.6	3.12	9.70	6.10	3.31	3.72	4.79	31.01	36.00
Roseburg, Ore.	2.31	2.91	4.49	3.25	4.1	2.27	1.69	1.83	1.63	1.93	1.92	3.76	3.2	3.79	3.4	1.0	2.1	2.7	4.1	6.42	5.16	2.79	6.28	3.60	39.76	38.68
Eureka, Calif.	1.73	2.91	2.03	1.60	1.58	3.46	95	44	20	0.8	0.2	0.1	T	0.1	T	21	2.1	2.7	5.7	8.1	9.8	1.43	1.45	4.2	9.39	3.55
Fresno, Calif.	3.10	38	3.07	86	2.78	79	1.04	45	12	0.8	0.2	0.1	T	0.1	T	21	2.1	2.7	5.7	8.1	9.8	1.43	1.45	4.2	9.39	3.55
Los Angeles, Calif.	3.79	6.07	3.02	2.34	2.57	1.51	15	77	1.7	1.5	3.8	0.9	0.0	0.0	0.0	0.0	38	T	9.2	2.60	1.88	1.62	1.63	1.02	15.23	4.13
Sacramento, Calif.	2.06	3.35	2.03	4.3	1.72	0.96	36	65	1.7	0.5	1.7	0.4	0.0	0.0	0.0	0.0	38	T	9.2	2.60	1.88	1.62	1.63	1.02	15.23	4.13
San Diego, Calif.	2.50	3.35	2.03	4.3	1.72	0.96	36	65	1.7	0.5	1.7	0.4	0.0	0.0	0.0	0.0	38	T	9.2	2.60	1.88	1.62	1.63	1.02	15.23	4.13
San Francisco, Calif.	4.54	1.35	3.85	2.65	3.14	1.61	1.7	3.80	1.07	1.8	0.2	0.4	0.0	0.0	0.0	0.0	38	T	9.2	2.60	1.88	1.62	1.63	1.02	15.23	4.13

1 Normals are based on records of 30 or more years of observations. T=trace; an amount too small to measure.

Weather Bureau, Department of Commerce.

TABLE 795.—Frost: Dates of killing frosts, 1947, with length of growing season

Station	Date of last killing frost in spring 1947	Date of first killing frost in fall 1947	Averages and extremes of killing frost <sup>1</sup>				Length of growing season between average dates of killing frosts
			Spring frosts		Fall frosts		
			Latest date	Average date	Earliest date	Average date	
Greenville, Me.	June 4	Sept. 20	June 23	May 27	Aug. 24	Sept. 18	Days 114
Portland, Me.	May 16	Sept. 29	June 20	Apr. 22	Sept. 11	Oct. 17	178
Concord, N. H.	May 15	Sept. 27	June 5	May 5	Sept. 6	Oct. 3	151
Burlington, Vt.	May 10	Sept. 26	May 23	May 3	Sept. 15	Oct. 8	158
Boston, Mass.	Apr. 28	Nov. 11	May 19	Apr. 17	Sept. 26	Oct. 24	190
Hartford, Conn.	May 10	Sept. 28	do.	Apr. 19	Sept. 11	Oct. 17	181
Albany, N. Y.	May 11	Sept. 23	May 30	Apr. 24	Sept. 15	Oct. 16	175
Buffalo, N. Y.	May 10	Nov. 9	May 23	Apr. 27	Oct. 3	Oct. 23	179
Canton, N. Y.	do.	Sept. 23	June 2	May 5	Sept. 11	Sept. 29	147
Setauket, N. Y.	Apr. 22	Nov. 20	May 17	Apr. 12	Oct. 19	Nov. 8	210
Syracuse, N. Y.	Apr. 28	Sept. 28	May 16	Apr. 25	Sept. 21	Oct. 21	179
Atlantic City, N. J.	Mar. 31	Nov. 14	Apr. 30	Apr. 10	Oct. 1	Nov. 5	209
Trenton, N. J.	do.	do.	May 17	do.	Sept. 22	Nov. 2	206
Erie, Pa.	May 10	Nov. 1	do.	Apr. 20	Oct. 7	Nov. 1	195
Harrisburg, Pa.	May 9	Sept. 28	May 12	Apr. 10	Sept. 28	Oct. 28	201
Pittsburgh, Pa.	May 10	Oct. 1	May 29	Apr. 21	Sept. 19	Oct. 20	182
Seranton, Pa.	May 11	Sept. 26	May 15	do.	Sept. 14	Oct. 14	176
Cincinnati, Ohio.	May 9	Nov. 9	May 9	Apr. 10	Sept. 29	Oct. 24	197
Cleveland, Ohio.	Apr. 28	do.	May 21	Apr. 17	Oct. 2	Nov. 3	200
Columbus, Ohio.	May 9	Sept. 27	May 17	Apr. 21	Sept. 21	Oct. 18	180
Dayton, Ohio.	May 10	Nov. 8	May 25	Apr. 16	Sept. 30	Oct. 21	188
Toledo, Ohio.	do.	Oct. 1	May 29	Apr. 22	Sept. 9	Oct. 18	179
Evansville, Ind.	Mar. 31	Nov. 9	Apr. 26	Apr. 3	Sept. 28	Oct. 30	210
Ft. Wayne, Ind.	May 10	Nov. 12	May 28	Apr. 17	Sept. 14	Oct. 22	188
Indianapolis, Ind.	May 9	Nov. 8	May 25	Apr. 16	Sept. 21	Oct. 21	188
Cairo, Ill.	Mar. 28	Nov. 9	Apr. 30	May 29	Sept. 30	Oct. 30	215
Chicago, Ill.	May 10	Nov. 8	May 25	Apr. 15	Sept. 20	Oct. 21	189
Peoria, Ill.	Apr. 21	Nov. 6	May 11	Apr. 14	Sept. 26	Oct. 20	189
Springfield, Ill.	Apr. 14	Nov. 9	May 25	Apr. 15	Sept. 25	Oct. 19	187
Alpena, Mich.	May 30	Sept. 25	June 9	May 12	Sept. 6	Oct. 3	144
Detroit, Mich.	May 9	Oct. 1	May 21	Apr. 27	Sept. 20	Oct. 16	172
Grand Rapids, Mich.	do.	Sept. 25	May 30	May 1	Sept. 25	Oct. 17	169
Lansing, Mich.	May 10	Sept. 26	May 28	May 2	Sept. 8	Oct. 11	162
Ludington, Mich.	do.	Sept. 25	June 17	May 10	Sept. 4	Oct. 16	151
Marquette, Mich.	May 9	do.	June 6	May 12	Sept. 5	Oct. 10	151
Green Bay, Wis.	do.	Sept. 26	May 30	May 5	Sept. 16	Oct. 9	157
La Crosse, Wis.	May 29	Sept. 25	June 4	May 29	Sept. 10	Oct. 10	164
Madison, Wis.	May 9	Sept. 30	May 25	Apr. 25	Sept. 16	Oct. 17	175
Milwaukee, Wis.	do.	Nov. 8	May 29	do.	Sept. 25	Oct. 19	177
Duluth, Minn.	May 28	Sept. 22	June 8	May 8	Sept. 10	Oct. 5	150
Minneapolis, Minn.	Apr. 29	Sept. 25	May 20	Apr. 26	Sept. 13	Oct. 11	168
Charles City, Iowa.	May 9	Sept. 26	May 21	Apr. 29	Sept. 12	Oct. 5	159
Des Moines, Iowa.	Apr. 7	Nov. 8	May 31	Apr. 19	Sept. 13	Oct. 11	175
Dubuque, Iowa.	Apr. 16	Nov. 7	May 21	do.	Sept. 25	Oct. 16	180
Columbia, Mo.	Mar. 30	Nov. 9	May 9	Apr. 11	Sept. 18	Oct. 19	191
St. Joseph, Mo.	Apr. 16	Nov. 7	Apr. 28	Apr. 9	Sept. 26	Oct. 20	191
St. Louis, Mo.	Mar. 28	Nov. 12	May 22	Apr. 3	Sept. 28	Oct. 29	209
Springfield, Mo.	Mar. 30	Nov. 11	May 19	Apr. 9	Sept. 27	Oct. 25	199
Bismarck, N. Dak.	May 30	Sept. 22	June 7	May 10	Aug. 23	Sept. 22	135
Devils Lake, N. Dak.	June 1	do.	June 4	May 15	Aug. 22	Sept. 24	132
Williston, N. Dak.	May 28	Sept. 24	June 16	do.	Sept. 3	Sept. 22	130
Fargo, N. Dak.	May 30	Sept. 22	June 8	May 12	Aug. 26	Sept. 26	137
Huron, S. Dak.	May 29	do.	June 21	May 6	Aug. 23	Sept. 29	146
Pierre, S. Dak.	do.	Oct. 23	May 24	Apr. 30	Sept. 12	Oct. 6	159
Rapid City, S. Dak.	May 30	Oct. 24	do.	May 2	Sept. 13	Oct. 3	154
North Platte, Nebr.	May 29	Oct. 27	May 26	May 1	Sept. 10	Oct. 5	157
Omaha, Nebr.	Apr. 10	Oct. 29	May 19	Apr. 15	Sept. 18	Oct. 16	184
Valentine, Nebr.	May 29	Oct. 27	June 21	May 5	Sept. 12	Oct. 2	150
Concordia, Kans.	do.	Nov. 7	May 19	Apr. 17	Sept. 27	Oct. 16	182
Dodge City, Kans.	Apr. 16	Nov. 6	May 27	Apr. 16	Sept. 22	Oct. 21	188
Wichita, Kans.	do.	Nov. 7	May 15	Apr. 7	Sept. 23	Oct. 26	202
Washington, D. C.	May 10	Nov. 10	May 12	Apr. 10	Oct. 2	do.	190
Lynchburg, Va.	do.	Nov. 9	May 17	Apr. 9	do.	Oct. 27	201
Norfolk, Va.	Mar. 28	Nov. 29	Apr. 26	Mar. 23	Oct. 11	Nov. 18	210
Richmond, Va.	Mar. 31	Nov. 13	do.	Mar. 29	Oct. 12	Nov. 2	218
Wytheville, Va.	May 11	Sept. 28	May 27	Apr. 17	Sept. 19	Oct. 14	180
Elkins, W. Va.	May 10	do.	May 26	May 1	Sept. 20	Oct. 12	164
Parkersburg, W. Va.	do.	Oct. 2	May 22	Apr. 17	Sept. 29	Oct. 18	184
Asheville, N. C.	do.	Nov. 13	May 10	Apr. 11	Oct. 2	Oct. 22	194
Charlotte, N. C.	Mar. 29	Nov. 26	Apr. 26	Mar. 24	Oct. 8	Nov. 7	228
Raleigh, N. C.	do.	Nov. 27	do.	Mar. 26	do.	do.	226
Wilmington, N. C.	Mar. 27	Dec. 1	Apr. 21	Mar. 18	Oct. 16	Nov. 15	242
Charleston, S. C.	do.	Nov. 29	Apr. 6	Mar. 2	Oct. 28	Nov. 29	272
Columbia, S. C.	Mar. 4	Nov. 27	Apr. 17	Mar. 17	Oct. 18	Nov. 18	246
Greenville, S. C.	Mar. 9	do.	Apr. 24	Mar. 26	Oct. 10	Nov. 6	225
Atlanta, Ga.	Mar. 29	do.	Apr. 17	Mar. 23	Oct. 11	Nov. 9	231

See footnotes at end of table.



TABLE 795.—Frost: Dates of killing frosts, 1947, with length of growing season  
—Continued

Station	Date of last killing frost in spring 1947	Date of first killing frost in fall 1947	Averages and extremes of killing frost <sup>1</sup>				Length of growing season between average dates of killing frosts
			Spring frosts		Fall frosts		
			Latest date	Average date	Earliest date	Average date	
Augusta, Ga.	Mar. 3	Dec. 1	Apr. 17	Mar. 13	Oct. 21	Nov. 13	Days 245
Macon, Ga.	Mar. 29	Nov. 27	Apr. 18	Mar. 14	Oct. 24	Nov. 15	246
Savannah, Ga.	Mar. 4	Dec. 2	Apr. 13	Feb. 26	Oct. 25	Nov. 26	273
Thomasville, Ga.	Mar. 3	do.	Apr. 26	Mar. 7	Oct. 21	Nov. 20	258
Apalachicola, Fla.	do.	None	Mar. 23	Feb. 10	Nov. 13	Dec. 14	307
Avon Park, Fla.	Feb. 11	None	Mar. 14	( <sup>2</sup> )	Nov. 28	( <sup>2</sup> )	( <sup>2</sup> )
Jacksonville, Fla.	Mar. 3	None	Apr. 10	Feb. 16	Nov. 12	Dec. 8	293
Miami, Fla.	Feb. 6	None	Mar. 9	Jan. 11	Nov. 21	Dec. 29	352
Tampa, Fla.	do.	None	Mar. 19	( <sup>2</sup> )	Nov. 16	( <sup>2</sup> )	344
Chattanooga, Tenn.	Mar. 31	Nov. 9	May 15	Mar. 26	Sept. 30	Nov. 5	224
Knoxville, Tenn.	Mar. 29	Nov. 13	Apr. 26	Apr. 1	Oct. 1	Oct. 30	212
Memphis, Tenn.	Mar. 28	Nov. 12	Apr. 25	Mar. 20	Oct. 2	Nov. 6	213
Nashville, Tenn.	Mar. 31	do.	Apr. 24	Mar. 30	Oct. 7	Oct. 29	231
Birmingham, Ala.	Mar. 29	Nov. 13	Apr. 17	Mar. 16	Oct. 21	Nov. 10	239
Mobile, Ala.	Feb. 16	Dec. 26	Apr. 13	Feb. 16	Oct. 31	Dec. 7	291
Montgomery, Ala.	Feb. 3	Nov. 27	do.	Mar. 5	Oct. 21	Nov. 15	255
New Orleans, La.	Feb. 10	None	Mar. 27	Jan. 27	Nov. 11	Dec. 18	325
Shreveport, La.	Mar. 9	Dec. 14	Apr. 13	Mar. 7	Oct. 20	Nov. 15	252
Arlene, Tex.	Apr. 17	Nov. 28	Apr. 23	Mar. 23	Oct. 19	Nov. 13	233
Amarillo, Tex.	Mar. 8	Nov. 2	May 7	Apr. 14	Oct. 16	Nov. 1	201
Brownsville, Tex.	Jan. 4	None	Mar. 14	Jan. 23	Nov. 3	Dec. 25	336
Corpus Christi, Tex.	Mar. 8	None	Mar. 19	Feb. 15	Nov. 15	Dec. 15	303
Del Rio, Tex.	Jan. 19	Jan. 14	Mar. 27	Feb. 21	Oct. 27	Dec. 2	284
El Paso, Tex.	Mar. 16	Nov. 7	Apr. 26	Mar. 19	Oct. 23	Nov. 16	242
Fort Worth, Tex.	do.	Dec. 12	Apr. 9	Mar. 11	Oct. 22	Nov. 15	249
Galveston, Tex.	Feb. 8	None	Mar. 19	Jan. 19	Nov. 16	Dec. 26	341
Palestine, Tex.	Mar. 8	Dec. 12	Apr. 5	Mar. 8	Oct. 20	Nov. 20	257
San Antonio, Tex.	Mar. 17	Dec. 26	do.	Feb. 24	Oct. 30	Dec. 1	279
Taylor, Tex.	Mar. 16	Nov. 8	Apr. 13	Mar. 7	Oct. 30	Nov. 26	264
Oklahoma City, Okla.	Mar. 20	Nov. 11	Apr. 30	Mar. 28	Oct. 7	Nov. 6	223
Forth Smith, Ark.	Mar. 28	Nov. 8	Apr. 17	Mar. 25	Oct. 9	do.	228
Little Rock, Ark.	do.	Nov. 12	Apr. 10	Mar. 17	Oct. 22	Nov. 14	242
Havre, Mont.	May 28	Oct. 25	June 6	May 12	Aug. 25	Sept. 22	133
Helena, Mont.	do.	Sept. 19	June 9	May 6	do.	Sept. 29	146
Kalispell, Mont.	Apr. 16	Oct. 22	June 7	May 4	Sept. 6	Oct. 1	150
Miles City, Mont.	May 29	Oct. 24	May 31	May 1	Sept. 7	Oct. 3	155
Cheyenne, Wyo.	do.	Oct. 22	June 13	May 16	Aug. 25	Sept. 27	134
Lander, Wyo.	do.	Oct. 23	June 20	May 15	Aug. 22	Sept. 20	128
Shoshone, Wyo.	do.	Oct. 13	June 2	May 14	Aug. 25	Sept. 22	131
Denver, Colo.	Apr. 16	Oct. 23	June 6	Apr. 30	Sept. 12	Oct. 11	164
Grand Junction, Colo.	Apr. 12	Oct. 26	May 17	Apr. 12	Sept. 14	Oct. 22	193
Pueblo, Colo.	Apr. 17	Oct. 23	June 2	Apr. 24	Sept. 12	Oct. 18	177
Roswell, N. Mex.	Nov. 2	May 7	Apr. 7	Apr. 7	Oct. 10	Oct. 30	206
Albuquerque, N. Mex.	Apr. 25	Nov. 4	May 27	Apr. 20	Sept. 18	Oct. 23	188
Flagstaff, Ariz.	Apr. 27	Oct. 22	June 19	May 29	Sept. 9	Sept. 29	121
Phoenix, Ariz.	Jan. 30	Dec. 11	Mar. 31	Feb. 5	Nov. 5	Dec. 5	331
Tucson, Ariz.	Jan. 31	Nov. 7	May 3	Mar. 19	Oct. 16	Nov. 19	245
Yuma, Ariz.	None	Dec. 9	Mar. 15	Jan. 16	Nov. 19	Dec. 23	341
Modena, Utah	Apr. 24	Sept. 22	July 13	May 20	Sept. 5	Oct. 3	136
Salt Lake City, Utah	do.	Oct. 24	June 18	Apr. 23	Sept. 18	Oct. 19	179
Reno, Nev.	June 4	Sept. 20	June 25	May 11	Sept. 6	Oct. 8	150
Winnemucca, Nev.	Apr. 27	Sept. 19	June 22	do.	Aug. 22	Sept. 28	140
Boise, Idaho	Apr. 5	Oct. 22	June 16	Apr. 25	Sept. 11	Oct. 14	172
Lewiston, Idaho	Apr. 7	Nov. 22	May 10	Apr. 4	Sept. 21	Oct. 25	201
Pocatello, Idaho	Apr. 26	Sept. 19	June 1	Apr. 29	Sept. 8	Oct. 5	159
Seattle, Wash.	Mar. 26	Nov. 23	May 10	Mar. 12	Oct. 18	Nov. 25	258
Spokane, Wash.	Apr. 23	Oct. 25	June 8	Apr. 13	Sept. 7	Oct. 14	184
Walla Walla, Wash.	May 6	Nov. 19	May 9	Mar. 30	Sept. 24	Nov. 4	219
Baker, Oreg.	Apr. 12	Sept. 14	June 23	May 13	Aug. 30	Sept. 25	135
Portland, Oreg.	Feb. 28	Nov. 23	May 2	Mar. 11	Oct. 13	Nov. 23	257
Roseburg, Oreg.	Mar. 6	Nov. 21	May 24	Apr. 4	Sept. 24	Nov. 9	219
Eureka, Calif.	Jan. 15	None	Apr. 8	Mar. 16	Nov. 7	Dec. 18	277
Fresno, Calif.	Jan. 19	Nov. 7	Apr. 14	Feb. 14	Oct. 31	Dec. 1	290
Independence, Calif.	Mar. 9	Nov. 4	May 24	Apr. 11	Sept. 21	Oct. 30	202
Los Angeles, Calif.	None	None	Feb. 17	Jan. 3	Nov. 2	Dec. 29	309
Red Bluff, Calif.	Jan. 31	Nov. 24	May 9	Mar. 8	Oct. 29	Dec. 3	270
Redding, Calif.	do.	Dec. 9	May 1	Feb. 24	Oct. 17	Dec. 5	284
Sacramento, Calif.	Jan. 29	Nov. 21	May 7	Feb. 9	Oct. 28	Dec. 9	303
San Bernardino, Calif.	Jan. 31	Nov. 11	Apr. 23	Mar. 17	Oct. 2	Nov. 23	251
San Diego, Calif.	None	None	Jan. 31	( <sup>2</sup> )	Dec. 25	( <sup>2</sup> )	365
San Francisco, Calif.	do.	do.	Mar. 27	Jan. 9	Dec. 4	Dec. 29	354

<sup>1</sup> Average dates from beginning of record through 1930; extreme dates from beginning of record through 1947.<sup>2</sup> Frosts do not occur every year.<sup>3</sup> 1948.

Weather Bureau, Department of Commerce.



TABLE 796.—*Precipitation: Monthly and annual, by States, 1947*

State	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
	<i>In.</i>	<i>In.</i>	<i>In.</i>	<i>In.</i>	<i>In.</i>	<i>In.</i>	<i>In.</i>	<i>In.</i>	<i>In.</i>	<i>In.</i>	<i>In.</i>	<i>In.</i>	<i>In.</i>
Maine.....	2.90	3.60	3.01	2.09	5.32	4.50	4.77	1.38	2.53	0.44	4.37	1.75	36.66
New Hampshire.....	3.73	2.42	3.34	2.56	5.14	5.54	5.35	1.62	2.09	0.78	5.06	1.98	39.61
Vermont.....	3.78	2.28	3.57	2.67	5.92	6.01	5.87	2.57	1.98	1.10	4.67	2.11	42.53
Massachusetts.....	3.17	2.04	3.20	4.63	4.22	3.64	4.37	2.16	3.26	1.81	5.21	3.24	40.95
Rhode Island.....	3.03	1.24	3.28	5.39	4.08	3.52	4.38	1.88	3.21	3.07	5.23	3.22	41.53
Connecticut.....	2.84	2.58	3.11	4.49	4.40	4.05	4.47	3.02	3.34	2.15	6.68	2.98	44.11
New York.....	3.89	1.63	3.27	4.08	6.33	4.76	5.90	2.42	2.80	1.34	4.28	2.39	43.09
New Jersey.....	3.71	1.97	2.71	4.33	7.22	3.71	4.27	3.83	2.68	2.06	6.49	2.85	45.83
Pennsylvania.....	3.65	1.39	2.27	3.86	6.36	4.04	6.23	3.85	2.35	1.34	4.22	1.52	41.08
Ohio.....	4.74	0.62	1.68	5.31	5.82	5.55	3.79	4.39	3.37	1.67	2.27	1.61	40.82
Indiana.....	3.80	0.34	2.17	7.03	5.17	5.21	3.12	3.44	3.98	2.30	1.98	1.66	40.20
Illinois.....	2.21	0.19	2.44	6.41	4.32	6.31	1.86	2.20	3.53	3.13	2.39	2.14	37.13
Michigan.....	2.13	1.41	1.71	4.85	4.91	2.95	2.68	2.52	4.48	1.08	2.41	1.71	32.84
Wisconsin.....	1.22	0.32	1.17	3.91	3.93	4.55	2.73	3.63	3.75	1.57	2.21	1.00	26.99
Minnesota.....	0.54	0.37	0.68	3.40	2.37	5.28	1.85	3.66	2.87	1.61	2.33	0.55	25.51
Iowa.....	1.46	0.31	1.38	5.06	4.26	10.39	1.72	1.49	2.10	3.76	1.83	1.47	35.23
Missouri.....	1.30	0.26	2.80	6.78	4.38	8.19	2.17	1.81	3.83	3.83	2.65	1.84	39.84
North Dakota.....	0.35	0.40	0.34	1.48	1.11	5.81	1.79	2.67	1.45	1.31	1.05	0.42	18.18
South Dakota.....	0.53	0.29	0.64	2.29	1.25	6.24	1.00	1.03	1.18	1.83	1.74	0.17	18.19
Nebraska.....	0.58	0.23	0.61	2.76	2.91	8.19	1.81	0.98	1.71	1.19	1.51	0.87	23.35
Kansas.....	0.58	0.32	0.47	4.67	4.50	5.20	1.91	1.84	1.40	1.29	1.17	2.08	27.43
Delaware.....	4.79	1.41	1.92	3.89	6.63	3.54	3.66	2.97	3.23	1.87	5.47	2.19	41.57
Maryland.....	3.82	1.64	1.66	2.65	5.17	4.53	4.40	3.30	2.98	1.47	5.42	1.50	38.54
District of Columbia.....	3.72	1.65	1.24	3.37	4.05	5.76	5.35	3.68	3.70	1.31	5.09	1.47	40.39
Virginia.....	5.04	1.59	2.39	2.47	3.34	4.36	3.93	4.05	4.31	2.97	4.60	1.25	40.30
West Virginia.....	4.59	1.64	2.27	2.11	3.57	3.80	4.46	4.65	3.52	1.48	3.03	1.36	36.48
North Carolina.....	6.21	1.30	3.53	3.44	2.68	4.83	4.99	4.89	5.68	5.32	6.17	2.19	51.23
South Carolina.....	5.06	0.84	5.26	4.38	3.03	4.54	5.37	5.62	4.76	4.53	7.35	4.56	55.30
Georgia.....	7.44	1.60	6.87	5.22	4.29	5.22	2.97	4.95	3.37	4.53	7.92	5.30	59.68
Florida.....	2.51	3.56	6.84	5.05	4.80	8.75	8.11	7.08	10.45	6.88	5.84	2.80	72.70
Kentucky.....	6.04	0.54	2.96	4.84	5.66	4.74	3.82	3.89	3.04	2.20	2.82	1.79	41.74
Tennessee.....	8.21	1.60	3.15	4.17	5.18	3.56	3.54	3.12	1.96	2.70	4.38	2.55	44.12
Alabama.....	10.07	1.98	7.13	6.82	5.93	4.70	3.48	3.68	2.61	1.80	8.09	4.77	61.06
Mississippi.....	9.78	1.68	6.08	7.89	5.37	4.63	2.21	2.68	3.48	1.80	7.72	4.62	57.94
Arkansas.....	2.33	0.78	2.69	5.74	5.50	3.88	1.25	2.20	3.28	3.72	5.06	4.17	40.60
Louisiana.....	8.53	2.07	8.30	6.86	5.28	4.61	2.02	3.45	4.14	1.83	9.58	6.66	63.33
Oklahoma.....	0.73	0.19	1.33	6.87	6.83	3.71	1.99	1.17	2.04	1.90	2.12	2.33	31.41
Texas.....	2.57	0.58	2.37	2.28	5.05	2.17	0.98	3.04	1.11	1.24	2.68	2.81	26.88
Montana.....	0.76	0.72	0.96	0.99	0.97	3.95	0.81	1.98	1.88	1.33	1.26	0.68	16.29
Idaho.....	1.60	1.04	1.72	1.17	1.40	2.67	0.18	0.61	1.52	2.78	2.21	1.46	18.36
Wyoming.....	0.62	0.65	0.90	1.63	2.42	4.21	0.98	1.07	1.14	1.21	1.36	0.51	16.70
Colorado.....	0.62	0.83	0.97	1.55	2.85	2.63	1.75	2.38	1.07	1.89	0.72	0.89	18.15
New Mexico.....	0.51	0.25	0.38	0.42	1.77	0.59	1.31	2.98	0.48	0.71	0.67	0.90	10.97
Arizona.....	0.35	0.28	0.13	0.04	0.67	0.11	0.94	3.12	0.71	1.08	0.88	1.26	9.57
Utah.....	0.95	0.82	0.93	1.68	1.64	2.30	0.35	2.18	0.90	1.83	1.61	1.44	16.63
Nevada.....	0.26	0.46	0.32	0.65	1.02	0.40	0.40	0.29	0.19	0.66	0.69	0.79	5.77
Washington.....	5.02	3.18	2.43	2.51	0.59	3.01	1.10	0.47	1.87	7.39	3.71	4.99	26.27
Oregon.....	2.83	1.75	3.04	1.84	0.86	3.27	1.00	0.40	0.86	5.38	3.11	2.55	26.89
California.....	0.98	2.01	3.21	0.67	0.46	0.75	0.11	0.17	0.10	2.89	0.88	1.50	13.73

Weather Bureau, Department of Commerce. These figures are simple averages of the precipitation readings at all the weather stations in each State.

## MISCELLANEOUS AGRICULTURAL STATISTICS

This chapter of the book contains miscellaneous statistics which do not fit into the preceding chapters. Included here are weather data pertaining to farming; statistics of fishery products and of refrigerated warehouse space, and data relating to frozen-food locker plants. This chapter also covers the work of the Agricultural Extension Service.

TABLE 797.—Commercial fisheries of the United States and Alaska: Catch and disposition of catch, 1929-47 (round weight)

Year	Catch	Disposition			
		Fresh and frozen	Canned	Cured	Byproducts and bait
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds
1929.....	3,567	1,352	1,286	150	779
1930.....	3,287	1,389	1,077	145	676
1931.....	2,657	1,121	962	130	444
1932.....	2,614	1,032	787	140	655
1933.....	2,933	1,012	991	135	795
1934.....	4,058	1,087	1,293	130	1,548
1935.....	4,066	1,250	1,220	130	1,466
1936.....	4,760	1,321	1,459	135	1,845
1937.....	4,352	1,338	1,356	130	1,528
1938.....	4,253	1,355	1,234	130	1,534
1939.....	4,443	1,366	1,281	130	1,666
1940.....	4,059	1,461	1,280	130	1,188
1941.....	5,080	1,660	1,645	125	1,650
1942.....	3,877	1,407	1,230	115	1,125
1943.....	4,202	1,547	1,150	105	1,400
1944.....	4,504	1,589	1,225	110	1,580
1945.....	4,570	1,841	1,230	110	1,389
1946 <sup>1</sup> .....	4,396	1,651	1,220	115	1,410
1947 <sup>1</sup> .....	4,350	1,650	1,275	115	1,386

<sup>1</sup> Preliminary.

Fish and Wildlife Service, Department of the Interior.

TABLE 798.—Canned fishery products in the United States and Alaska: Production and value, 1938-47

PRODUCTION<sup>1</sup>

Year	Salmon	Sardines		Tuna and tuna-like fishes	Mackerel	Shrimp	Clam products <sup>1</sup>	Oysters	Other products <sup>1</sup>	Total
		Maine	California							
	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.
1938.....	349,427	13,634	101,776	60,945	43,463	18,113	19,312	7,237	35,516	640,413
1939.....	287,621	44,872	139,854	79,665	40,023	20,651	24,515	9,080	41,956	638,277
1940.....	269,040	22,690	132,565	91,144	63,986	16,744	24,257	9,668	51,101	681,194
1941.....	375,918	63,565	225,322	61,563	42,075	16,468	25,271	9,190	66,590	885,962
1942.....	280,080	55,219	168,508	52,500	32,454	14,450	21,331	7,318	28,474	660,334
1943.....	273,802	47,772	150,961	56,563	42,176	9,907	12,197	4,842	22,660	620,880
1944.....	246,655	61,627	164,291	70,186	55,128	8,425	13,661	3,830	34,858	658,660
1945.....	235,596	51,061	169,469	88,978	31,174	3,225	21,502	3,164	42,217	686,386
1946.....	216,488	61,315	133,973	93,888	43,297	7,832	40,493	5,472	96,620	699,378
1947.....	270,837	57,544	74,367	117,469	78,973	7,085	36,136	5,747	105,975	754,133

## VALUE

	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1938.....	42,366	2,367	7,102	15,184	2,896	4,872	3,190	1,886	3,583	83,446
1939.....	41,781	7,075	9,654	20,080	2,589	5,398	3,798	2,379	3,974	96,628
1940.....	38,050	3,736	8,975	23,728	4,101	4,318	3,778	2,527	4,969	94,152
1941.....	67,417	12,476	18,092	19,398	3,504	4,883	3,711	2,997	6,206	138,684
1942.....	61,974	11,692	15,510	30,742	3,693	7,347	3,791	3,599	6,649	144,997
1943.....	62,935	10,686	14,352	31,430	5,271	5,361	2,802	2,822	5,530	141,189
1944.....	56,383	14,224	15,226	40,836	7,034	4,855	3,821	2,283	8,252	152,914
1945.....	52,686	11,520	15,346	47,407	4,047	1,919	7,391	2,030	10,555	152,801
1946.....	70,161	19,549	19,896	59,136	7,575	8,429	11,145	5,249	26,489	227,629
1947.....	120,660	27,678	16,538	90,609	15,019	8,192	8,642	4,259	23,342	310,680

<sup>1</sup> Represents the net weight of canned products. In the classifications "Clam products" and "Other products," the weight of any chowders, soups, and juices includes the weight of the entire mixture, which may contain potatoes and other vegetables, etc.

Fish and Wildlife Service, Department of the Interior.

Data for 1938-37 in Agricultural Statistics, 1947, table 770.

TABLE 799.—*Fresh and frozen packaged fish: 1 Production and value, by principal species, United States, 1929-47*

Year	Cod		Flounders		Haddock		Rosefish		Whiting <sup>2</sup>		Other		Total	
	Quantity 1,000 pounds	Value 1,000 dollars	Quantity 1,000 pounds	Value 1,000 dollars	Quantity 1,000 pounds	Value 1,000 dollars	Quantity 1,000 pounds	Value 1,000 dollars	Quantity 1,000 pounds	Value 1,000 dollars	Quantity 1,000 pounds	Value 1,000 dollars	Quantity 1,000 pounds	Value 1,000 dollars
1929	8,485	971	1,022	12,732	11,367	1,514	4,320	550	12,421	1,484	182,951	23,930	1,000	12,421
1930	8,402	971	1,022	12,732	11,367	1,514	4,320	550	12,421	1,484	182,951	23,930	1,000	12,421
1931	8,721	1,118	1,022	12,732	11,367	1,514	4,320	550	12,421	1,484	182,951	23,930	1,000	12,421
1932	7,786	857	1,022	12,732	11,367	1,514	4,320	550	12,421	1,484	182,951	23,930	1,000	12,421
1933	11,577	1,242	1,022	12,732	11,367	1,514	4,320	550	12,421	1,484	182,951	23,930	1,000	12,421
1934	15,239	1,677	1,022	12,732	11,367	1,514	4,320	550	12,421	1,484	182,951	23,930	1,000	12,421
1935	17,747	1,751	1,022	12,732	11,367	1,514	4,320	550	12,421	1,484	182,951	23,930	1,000	12,421
1936	17,896	1,865	1,022	12,732	11,367	1,514	4,320	550	12,421	1,484	182,951	23,930	1,000	12,421
1937	22,507	2,025	1,022	12,732	11,367	1,514	4,320	550	12,421	1,484	182,951	23,930	1,000	12,421
1938	22,507	2,025	1,022	12,732	11,367	1,514	4,320	550	12,421	1,484	182,951	23,930	1,000	12,421
1939	19,401	1,930	1,022	12,732	11,367	1,514	4,320	550	12,421	1,484	182,951	23,930	1,000	12,421
1940	14,541	1,760	1,022	12,732	11,367	1,514	4,320	550	12,421	1,484	182,951	23,930	1,000	12,421
1941	16,790	2,435	1,022	12,732	11,367	1,514	4,320	550	12,421	1,484	182,951	23,930	1,000	12,421
1942	12,930	2,778	1,022	12,732	11,367	1,514	4,320	550	12,421	1,484	182,951	23,930	1,000	12,421
1943	13,714	3,516	1,022	12,732	11,367	1,514	4,320	550	12,421	1,484	182,951	23,930	1,000	12,421
1944	22,083	5,461	1,022	12,732	11,367	1,514	4,320	550	12,421	1,484	182,951	23,930	1,000	12,421
1945	28,864	7,452	1,022	12,732	11,367	1,514	4,320	550	12,421	1,484	182,951	23,930	1,000	12,421
1946	18,132	4,747	1,022	12,732	11,367	1,514	4,320	550	12,421	1,484	182,951	23,930	1,000	12,421
1947	14,032	3,439	1,022	12,732	11,367	1,514	4,320	550	12,421	1,484	182,951	23,930	1,000	12,421

<sup>1</sup> Packaged fish represents production of filets, steaks, and sticks by wholesale dealers.

<sup>2</sup> No production of this item is shown in the records from 1929 through 1937.

<sup>3</sup> Does not include the California production.

<sup>4</sup> Estimated.

<sup>5</sup> Production in California is not included. In 1941, the last year these data were available, the yield of packaged fish in California totaled 5,384,000 pounds, valued at \$1,091,740. Of this production 1,380,000 pounds, valued at \$226,200 were flounders, and 4,004,000 pounds, valued at \$865,540, were other fish.

Fish and Wildlife Service, Department of the Interior.

## IMPORTS OF FISHERY PRODUCTS

723

TABLE 800.—Fishery products: United States imports for consumption, 1943-47

Class and item	1943		1944		1945		1946		1947 <sup>1</sup>	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
<b>Edible fishery products:</b>										
Fish, fresh or frozen:										
Fresh-water fish and eels.....	57,232	9,803	55,928	8,963	63,991	12,183	58,842	11,648	1,000 lb.	10,735
Sea berring.....	79,221	1,271	74,678	1,188	93,396	1,479	91,951	1,479	1,000 lb.	1,268
Filleted, skinned, boned.....	21,539	4,055	30,947	6,539	55,015	11,721	61,245	12,918	1,000 lb.	9,092
Other.....	40,652	6,244	36,421	5,906	46,987	6,947	46,829	8,086	1,000 lb.	12,872
Fish, canned:										
Canned.....	3,638	2,173	8,118	4,529	16,723	10,417	29,097	12,778	1,000 lb.	11,333
Not in oil.....	1,283	359	3,664	1,010	18,592	1,307	18,479	4,491	1,000 lb.	2,110
Fish, dried and unsalted:										
Fish, pickled or salted.....	693	192	802	255	2,252	771	1,462	502	1,000 lb.	526
Cod, haddock, hake, pollock, cusk.....	43,420	5,538	42,345	6,323	50,467	7,001	50,011	7,251	1,000 lb.	6,550
Other.....	41,026	3,464	44,035	4,834	43,104	4,018	38,096	6,008	1,000 lb.	4,213
Fish, smoked, or kippered.....	5,828	858	8,926	1,464	9,001	1,537	12,966	2,346	1,000 lb.	1,073
Other, prepared or preserved.....	1,427	240	1,064	225	1,086	642	864	896	1,000 lb.	934
Shellfish, not canned:										
Lobsters.....	15,734	4,797	17,744	6,098	23,034	9,338	25,471	10,772	1,000 lb.	11,593
Crabs.....	9,310	2,115	12,009	3,049	24,080	5,323	21,504	6,325	1,000 lb.	6,858
Shellfish, canned.....	( <sup>2</sup> )	( <sup>2</sup> )	7	4	( <sup>2</sup> )	( <sup>2</sup> )	16	12	1,000 lb.	304
Crab meat.....	2,442	2,446	3,149	3,475	2,820	3,173	2,863	4,188	1,000 lb.	3,814
Other.....										
Total edible products.....	324,108	43,555	339,837	53,465	404,526	76,229	473,084	89,700	1,000 lb.	83,275
<b>Nonedible fishery products:</b>										
Fish livers.....	4,004	2,201	4,710	2,376	4,151	1,544	3,719	1,672	1,000 lb.	1,164
Marine animal oils.....	138,129	15,515	86,637	12,205	37,542	9,811	31,441	11,356	1,000 lb.	11,739
Fish scrap, meal, and cake.....	6,867	244	21,281	715	6,983	201	20,707	1,016	1,000 lb.	878
Total nonedible products.....	169,030	17,960	112,048	15,296	48,678	11,556	55,867	14,044	1,000 lb.	13,711
Grand total.....	493,138	61,515	451,885	68,761	453,204	87,785	528,951	103,744	1,000 lb.	96,986

<sup>1</sup> Preliminary.<sup>2</sup> Less than 500 pounds.<sup>3</sup> Less than 5000.<sup>4</sup> Cod oil, cod liver oil, cod oil, and sperm whale oil have been converted on basis of 7.5 pounds per gallon.

Department of Commerce. Data for 1940-42 in Agricultural Statistics, 1946, table 746.

TABLE 801.—Domestic fishery products: United States exports, 1943-47

Class and item	Unit of quantity	1943		1944		1945		1946		1947 <sup>1</sup>	
		Quantity	Value 1,000 dollars	Quantity	Value 1,000 dollars	Quantity	Value 1,000 dollars	Quantity	Value 1,000 dollars	Quantity	Value 1,000 dollars
Edible fishery products:											
Fish, fresh or frozen:											
Salmon.....	1,000 pounds.....	8		400	44	896	140	127	44	893	217
Other.....	do.....	629	85	577	90	744	136	1,428	203	1,633	303
Fish, salted, pickled, or dry cured:											
Salmon.....	do.....	18	5	41	16	256	49	1,339	482	781	304
Cod, haddock, hake, pollock, cusk.....	do.....	240	54	109	24	562	90	1,826	306	1,246	278
Other.....	do.....	1,507	114	1,085	114	1,660	215	8,998	1,733	1,737	463
Fish, canned:											
Salmon.....	do.....	69,486	18,014	50,156	21,205	34,549	13,279	51,359	12,890	61,574	19,745
Sardines (includes pilchards).....	do.....	137,203	20,063	48,292	7,233	76,265	12,403	85,728	13,360	70,638	13,000
Other (except shellfish).....	do.....	27,684	3,998	2,771	509	13,793	2,430	22,757	3,790	48,481	8,993
Shellfish, not canned:											
Oysters, fresh, in the shell, shucked, frozen, or in ice.....	do.....	8	4	422	214	725	400	933	506	825	340
Shrimp, fresh, frozen, or in ice.....	do.....	175	62	195	68	281	108	410	208	501	307
Shrimp, dried.....	do.....	179	86	630	286	567	303	497	456	381	373
Shellfish, canned:											
Shrimp.....	do.....	908	499	2,342	1,332	667	384	150	143	1,635	1,534
Other.....	do.....	742	126	4,425	612	3,681	699	20,753	4,419	16,782	3,190
Other fish and fish products.....	do.....	394	101	786	183	1,338	354	3,596	1,079	4,704	1,243
Total edible products.....	do.....	239,261	43,244	112,231	31,929	135,954	30,892	205,941	39,029	211,631	50,319
Nonedible fishery products:											
Marine-animal oils, except liver oils.....	do.....	26,196	2,037	10,227	849	17,426	2,532	4,378	449	11,055	1,535
Fish meal for feed.....	Tons.....	2	( <sup>2</sup> )	5	1	11	1	65	9	1	87
Furs, fur-seal, dressed or dyed.....	Number.....	576	16	6,465	240	24,503	413	9,842	421	11,660	546
Oyster shells.....	Tons.....	22,435	238	34,605	431	28,890	322	27,886	379	40,665	523
Total nonedible products.....			2,291		1,621		3,288		1,258	63,381	2,601
Grand total.....			45,835		33,460		34,180		40,887	275,012	5,301

<sup>1</sup> Preliminary.<sup>2</sup> Less than \$500.

Department of Commerce. Data for 1940-42 in Agricultural Statistics, 1946, table 747.

TABLE 802.—Frozen fishery products: Production, by geographic divisions, 1938-48<sup>1</sup>

Year	New England	Middle Atlantic	South Atlantic	East North Central	West North Central	South Central	Pacific and Alaska	Total
	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.
1938.....	87,097	22,952	7,757	10,525	3,836	7,410	46,519	186,096
1939.....	85,874	22,083	8,083	15,859	2,856	10,227	38,456	183,408
1940.....	87,370	22,163	6,578	15,744	3,319	12,937	48,044	196,155
1941.....	117,850	30,897	8,435	16,818	4,291	19,180	49,117	246,588
1942.....	118,462	31,891	7,565	14,150	5,043	16,935	53,119	247,165
1943.....	100,790	33,105	8,915	15,893	10,283	12,874	64,193	246,053
1944.....	120,958	32,138	8,184	11,052	4,789	16,502	72,814	266,537
1945.....	125,278	23,973	6,008	6,604	4,617	23,085	96,437	286,002
1946.....	131,823	19,415	6,416	4,503	2,400	23,428	92,080	280,065
1947.....	125,900	16,627	7,142	3,592	809	27,557	64,698	246,625
1948.....	158,969	15,385	5,739	4,322	3,207	26,888	77,478	291,988

<sup>1</sup> Total production of frozen products by 220 domestic freezers of fishery products. These are principally public cold-storage plants.

Fish and Wildlife Service, Department of the Interior.

Data for 1932-37 in Agricultural Statistics, 1947, table 774.

TABLE 803.—Total gross refrigerated warehouse space, by type of plant, United States, biennially, 1925-47<sup>1</sup>

Year	Public cold storage only	Private and semi-private cold storage	Meat-packing establishments	Total, all types
	1,000 cu. ft.	1,000 cu. ft.	1,000 cu. ft.	1,000 cu. ft.
1925.....	242,564	81,101	303,004	626,669
1927.....	273,896	82,081	311,869	667,846
1929.....	316,810	89,455	322,330	728,595
1931.....	325,703	94,075	321,065	740,843
1933.....	317,211	97,457	297,274	711,942
1935.....	322,450	84,914	303,206	710,570
1937.....	333,833	86,847	309,642	730,322
1939.....	351,368	82,510	312,562	746,440
1941.....	371,771	92,380	302,232	766,383
1943.....	389,991	91,625	<sup>2</sup> 169,650	<sup>2</sup> 651,266
1945.....	403,832	107,545	<sup>2</sup> 134,814	<sup>2</sup> 646,191
1947.....	408,232	135,816	<sup>2</sup> 130,993	<sup>2</sup> 675,041

<sup>1</sup> 1941 data from June 16 survey; all others Oct. 1.

<sup>2</sup> Reduction from earlier years is due chiefly to the elimination from reports of meat-packing establishments of the "working space" in such establishments.

Production and Marketing Administration.

TABLE 804.—Frozen-food locker plants: Number, 1947, and number, capacity, patronage, and use, 1946, by States

State	Plants operating 1947 <sup>1</sup>	1946					
		Plants operating <sup>1</sup>	Total number of individual lockers <sup>2</sup>	Average number of lockers per plant <sup>3</sup>	Percentage of patrons who are farmers <sup>3</sup>	Meat processed per locker rented <sup>3</sup>	Fruits and vegetables processed per locker rented <sup>3</sup>
	Number	Number	Thousands	Number	Percent	Pounds	Pounds
Maine.....	10	5	3.0	604	80	501	30
New Hampshire.....	26	26	12.0	463	67	371	16
Vermont.....	43	35	13.2	378	78	269	55
Massachusetts.....	29	22	13.1	596	60	230	28
Rhode Island.....	5	5	2.8	550	56	206	( <sup>4</sup> )
Connecticut.....	60	50	18.9	378	57	206	30
New York.....	218	165	104.0	630	74	311	40
New Jersey.....	16	12	9.3	776	61	285	42
Pennsylvania.....	228	184	145.9	793	60	221	32
Ohio.....	310	288	218.6	759	68	249	30
Indiana.....	290	213	135.5	636	77	380	21
Illinois.....	535	450	234.9	522	79	389	29
Michigan.....	301	232	118.3	510	74	338	31
Wisconsin.....	565	473	174.5	369	82	390	26
Minnesota.....	572	525	189.0	360	85	460	17
Iowa.....	702	655	305.2	466	82	407	22
Missouri.....	313	229	120.2	525	69	228	22
North Dakota.....	237	185	61.8	334	80	507	6
South Dakota.....	300	315	98.6	313	83	418	13
Nebraska.....	400	345	132.1	383	84	326	23
Kansas.....	420	340	167.3	492	73	271	37
Delaware.....	11	6	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
Maryland.....	37	29	20.7	713	65	238	26
Virginia.....	71	29	17.0	585	75	163	26
West Virginia.....	10	8	6.8	850	64	257	( <sup>4</sup> )
North Carolina.....	86	45	27.1	603	74	423	49
South Carolina.....	50	36	17.0	473	63	340	29
Georgia.....	120	101	48.6	481	66	536	34
Florida.....	26	14	4.6	327	54	844	5
Kentucky.....	86	60	29.7	495	79	216	18
Tennessee.....	110	89	36.4	409	68	204	27
Alabama.....	77	49	20.2	413	58	534	22
Mississippi.....	97	78	32.2	413	63	319	45
Arkansas.....	115	75	26.3	351	68	252	20
Louisiana.....	45	25	14.5	580	65	368	18
Oklahoma.....	299	299	140.8	471	74	249	13
Texas.....	503	402	201.8	502	64	442	23
Montana.....	181	159	57.9	364	69	281	27
Idaho.....	175	160	80.2	501	74	286	33
Wyoming.....	57	61	30.4	498	41	247	8
Colorado.....	160	135	70.2	520	71	274	11
New Mexico.....	44	32	21.4	668	65	380	8
Arizona.....	28	17	11.4	669	75	472	10
Utah.....	112	97	83.4	800	60	209	18
Nevada.....	11	7	6.2	885	42	209	6
Washington.....	576	495	257.9	521	58	196	51
Oregon.....	350	325	181.0	557	67	127	34
California.....	512	438	321.5	734	68	256	19
United States.....	9,529	8,025	4,012.5	500	73	329	24

<sup>1</sup> Number of plants operating July 1, as compiled by the Extension Service, U.S.D.A.<sup>2</sup> Total capacity, by States, computed by multiplying average capacity per plant reporting by number of plants operating.<sup>3</sup> Data on average plant capacity, percentage of farmer patronage, and pounds of meat, fruits, and vegetables processed per locker rented were compiled from reports from 2,882 plants, filed with the Farm Credit Administration. Poundage data are for calendar year 1946; other data as of Jan. 1, 1946.<sup>4</sup> Data not available.

Farm Credit Administration.



TABLE 805.—*Cooperative extension work: Projects and percentage of agents' and specialists' time devoted to each, 1941-46*<sup>1</sup>

Project	1941	1942	1943	1944	1945	1946
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Extension organization and planning .....	16.14	17.16	17.44	17.09	16.53	19.04
Farm crops .....	17.89	13.94	12.77	12.87	13.37	14.13
Animal husbandry .....	8.41	7.87	7.73	6.94	7.38	7.77
Dairy husbandry .....	4.58	3.88	3.67	3.91	4.60	4.90
Poultry husbandry .....	3.82	3.76	3.72	3.28	3.06	3.02
Soil management <sup>2</sup> .....	3.37	3.44	2.96	3.39	3.46	3.78
Forestry .....	1.13	.91	.83	.79	.90	1.12
Wildlife conservation .....	.33	.33	.28	.29	.42	.38
Agricultural economics .....	6.20	5.95	6.61	6.93	5.36	5.15
Marketing .....	1.39	4.46	5.00	4.45	4.04	4.03
The house: furnishings and surroundings .....	6.61	3.41	2.46	2.68	3.62	4.49
Rural engineering .....	2.96	2.10	2.17	1.72	2.00	2.57
Nutrition and health .....	8.19	16.81	18.01	18.18	17.44	12.33
Home management; family economics .....	2.06	1.54	1.48	1.69	1.69	1.74
Clothing and textiles .....	4.15	3.93	4.32	5.20	5.13	4.88
Family relationships, child development .....	.69	.59	.57	.75	.85	.84
Recreation and community life .....	5.91	3.10	3.34	2.74	3.10	4.09
Miscellaneous .....	6.17	6.79	6.64	7.10	7.05	5.74

<sup>1</sup> Only field work of specialists, as reported by county extension agents, is included.<sup>2</sup> Prior to 1942, designated as soil conservation.

Extension Service. Data for 1933-40 in Agricultural Statistics, 1942, table 877.

TABLE 806.—*Extension activities as reported by all extension agents, 1941-46*

Activity	1941	1942	1943	1944	1945	1946
	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>
Farm and home visits made .....	3,282,031	3,160,318	3,070,800	3,400,893	3,375,604	3,436,654
Office calls received .....	16,821,143	12,079,772	12,401,935	11,349,976	9,853,170	9,023,763
Telephone calls received .....	6,581,445	6,931,821	8,116,463	8,027,110	7,770,630	7,444,154
News articles or stories published .....	811,388	795,417	725,409	717,101	691,100	725,607
Bulletins distributed .....	14,796,873	22,980,614	30,658,713	25,434,929	19,902,853	17,858,300
Radio talks made .....	34,764	42,542	43,980	43,449	42,075	47,655
Training meetings held for local leaders .....	90,926	168,121	132,939	123,598	111,133	119,979
Method demonstration meetings held .....	599,228	641,765	619,878	674,562	663,624	665,032
Result demonstrations conducted .....	774,986	242,906	215,466	219,070	214,146	212,000
Meetings at result demonstrations .....	95,692	55,496	49,370	51,400	47,621	49,990
Tours conducted .....	23,312	14,538	14,076	13,668	17,326	24,592
Achievement days held .....	25,158	23,170	22,350	24,115	22,487	22,595
Countries reporting encampments held .....	2,982	2,197	1,774	2,004	2,421	2,832
All meetings held .....	1,423,794	1,450,019	1,335,445	1,378,946	1,320,668	1,340,023
Attendance at all meetings held .....	47,061,638	38,237,472	33,968,833	35,636,339	35,730,559	43,078,103
Voluntary local leaders assisting with:						
Adult extension .....	596,408	974,335	901,917	965,257	898,747	878,338
Junior extension .....	155,881	157,726	164,944	167,623	178,512	186,094
Adult home demonstration groups .....	53,820	55,577	52,445	50,108	49,351	50,008
Members of such groups .....	1,178,178	1,268,852	1,161,005	1,106,089	1,126,320	1,162,346

Extension Service. Data for 1935-40 in Agricultural Statistics, 1942, table 878.

TABLE 807.—Cooperative extension workers: Number employed, by States, June 30, 1946, and June 30, 1947<sup>1</sup>

State, division, and Territory	County agricultural agents and assistants		County home demonstration agents and assistants		County 4-H Club agents and assistants		Administrators and supervisors		Subject-matter specialists		Total	
	1946	1947	1946	1947	1946	1947	1946	1947	1946	1947	1946	1947
Maine.....	17	18	13	16	14	12	6	5	17	19	67	69
New Hampshire.....	17	19	12	11	13	13	7	6	22	15	71	64
Vermont.....	21	15	13	11	12	12	6	6	17	19	69	63
Massachusetts.....	25	27	19	21	23	24	8	8	23	26	98	106
Rhode Island.....	3	3	3	3	4	5	3	3	10	10	23	24
Connecticut.....	14	15	8	10	16	16	6	7	25	24	69	72
New England.....	97	97	68	72	82	82	36	35	114	112	397	398
New York.....	105	115	79	85	79	84	15	17	105	109	383	410
New Jersey.....	28	29	26	26	16	16	6	6	23	26	99	103
Pennsylvania.....	94	105	72	82	—	—	15	17	65	60	236	264
Middle Atlantic.....	227	249	177	193	95	100	36	40	183	195	718	777
Ohio.....	111	116	64	70	4	3	15	18	61	57	255	264
Indiana.....	126	128	60	64	8	5	21	17	47	61	262	275
Illinois.....	122	112	76	83	35	42	19	19	48	56	300	322
Michigan.....	88	89	37	43	36	41	18	23	65	71	244	267
Wisconsin.....	92	96	56	63	9	17	15	10	62	64	234	259
East North Central.....	539	541	293	333	92	108	88	96	283	300	1,295	1,387
Minnesota.....	96	96	45	49	50	78	20	21	40	40	251	284
Iowa.....	96	96	63	77	16	81	21	23	84	100	280	379
Missouri.....	187	184	115	149	—	1	19	20	34	38	355	392
North Dakota.....	58	57	11	15	—	—	10	13	18	21	97	106
South Dakota.....	56	57	26	24	3	—	12	14	22	21	119	116
Nebraska.....	95	96	32	39	—	—	14	13	37	34	178	182
Kansas.....	110	105	58	73	18	18	18	20	55	58	259	274
West North Central.....	698	693	350	426	87	178	114	124	290	312	1,539	1,733
Delaware.....	5	5	4	4	—	—	—	—	—	—	—	—
Maryland.....	39	42	31	29	3	3	3	4	10	12	25	28
Virginia.....	172	179	116	113	—	—	8	8	33	42	111	121
West Virginia.....	56	60	50	45	32	35	25	24	44	48	357	364
North Carolina.....	241	264	197	219	—	—	13	13	40	43	191	196
South Carolina.....	111	107	82	84	—	—	26	26	49	55	513	564
Georgia.....	218	236	141	156	—	—	21	23	42	55	266	269
Florida.....	84	92	56	59	—	5	16	14	18	18	422	463
South Atlantic.....	926	985	677	709	35	43	140	140	271	316	2,049	2,193
Kentucky.....	159	163	75	95	—	—	23	26	33	37	290	321
Tennessee.....	215	212	122	118	—	—	21	19	45	39	403	388
Alabama.....	208	223	146	139	—	—	22	21	43	43	419	426
Mississippi.....	208	207	163	164	—	—	28	24	43	44	442	439
East South Central.....	790	805	506	516	—	—	94	90	164	163	1,554	1,574
Arkansas.....	118	121	107	113	—	—	18	18	25	31	268	283
Louisiana.....	118	134	117	126	—	—	16	17	32	39	283	316
Oklahoma.....	137	141	132	111	—	—	15	16	31	39	315	307
Texas.....	364	348	255	255	—	—	42	42	40	46	701	691
West South Central.....	737	744	611	605	—	—	91	93	128	155	1,567	1,597
Montana.....	37	43	23	25	—	—	7	9	18	22	85	99
Idaho.....	34	37	7	11	13	13	8	9	21	16	83	86
Wyoming.....	27	31	13	17	—	—	6	6	17	14	63	68
Colorado.....	67	47	30	30	12	13	8	8	25	29	132	127
New Mexico.....	45	41	20	20	—	—	7	7	14	13	86	81
Arizona.....	20	20	8	8	—	—	4	4	13	8	45	40
Utah.....	36	35	20	27	—	—	7	8	20	20	83	90
Nevada.....	14	19	7	7	—	—	4	4	6	6	33	36
Mountain.....	270	273	128	145	25	26	51	55	136	128	610	627
Washington.....	63	73	36	40	—	—	7	8	22	21	128	142
Oregon.....	63	63	30	30	17	21	10	11	28	34	148	159
California.....	138	168	44	56	—	—	14	12	31	37	227	273
Pacific.....	264	304	110	126	17	21	31	31	81	92	503	574

See footnotes at end of table.

TABLE 807.—*Cooperative extension workers: Number employed, by States, June 30, 1946, and June 30, 1947*<sup>1</sup>—Continued

State, division, and Territory	County agricultural agents and assistants		County home demonstration agents and assistants		County 4-H Club agents and assistants		Administrators and supervisors		Subject-matter specialists		Total	
	1946	1947	1946	1947	1946	1947	1946	1947	1946	1947	1946	1947
Alaska.....	0	1	2	2	—	—	4	4	—	—	6	7
Hawaii.....	27	31	17	17	—	—	4	7	10	15	58	70
Puerto Rico.....	49	44	35	32	—	—	14	14	25	30	123	120
Total.....	76	76	54	51	—	—	22	25	35	45	187	197
Grand total.....	4,624	4,767	2,974	3,176	433	558	703	729	1,685	1,827	10,419	11,057

<sup>1</sup> Includes both white and Negro extension workers.

Extension Service. Data for earlier years in previous issues of Agricultural Statistics.

TABLE 808.—4-H Club work: Number of clubs, enrollment, projects completed, etc.—1941-46<sup>1</sup>

Item	1941	1942	1943	1944	1945	1946
Junior clubs.....	77,988	75,515	74,813	74,327	75,146	74,597
Different boys enrolled.....	617,733	641,443	734,673	701,531	687,803	722,583
Different girls enrolled.....	786,967	801,805	904,800	889,067	874,819	892,456
Total enrollment.....	1,404,700	1,443,248	1,639,473	1,590,598	1,562,622	1,615,039
Different boys completing <sup>2</sup> .....	462,648	477,165	543,532	528,121	521,667	540,405
Different girls completing <sup>2</sup> .....	590,905	607,636	681,195	680,289	673,430	688,931
Total completing.....	1,053,553	1,084,801	1,224,727	1,208,410	1,195,097	1,229,336
Projects started.....	2,856,110	3,103,625	3,577,519	3,420,733	3,316,697	3,269,804
Projects completed (total).....	2,066,464	2,298,060	2,655,334	2,565,330	2,498,408	2,464,364
Corn.....	65,969	63,307	66,179	74,862	75,639	81,665
Other cereals.....	9,264	5,708	4,828	5,730	6,505	7,068
Peanuts.....	9,476	19,003	18,853	15,455	12,873	10,681
Soybeans, field peas, alfalfa and other legumes.....	6,987	6,459	6,201	7,088	6,272	6,544
Potatoes: Irish and sweet.....	31,597	33,877	43,752	40,623	40,052	38,222
Cotton.....	16,240	17,767	16,064	17,842	20,008	20,545
Tobacco.....	8,035	6,865	6,794	9,279	12,912	13,137
Fruits.....	17,914	17,523	15,406	14,854	21,870	20,002
Home gardens.....	178,551	305,946	433,718	398,919	348,147	286,139
Market gardens, truck, and canning crops.....	6,636	12,603	16,309	17,106	15,712	16,624
Other crops.....	3,869	8,583	7,111	7,245	6,871	8,225
Poultry (including turkeys).....	128,423	167,911	219,416	192,958	170,181	162,166
Dairy cattle.....	62,221	61,815	65,797	70,248	74,997	77,470
Beef cattle.....	54,050	51,436	49,318	52,588	63,167	71,969
Sheep.....	25,369	22,813	19,038	18,174	17,771	18,143
Hogs.....	98,592	117,017	163,776	143,570	123,789	128,509
Other livestock.....	6,032	5,403	7,631	9,127	8,892	9,277
Beautification of home grounds.....	74,618	72,776	72,915	71,004	71,164	74,628
Forestry.....	17,248	14,548	9,336	9,598	10,145	13,589
Wildlife and nature study (rabbits, game, fur animals).....	17,688	20,688	18,125	23,022	23,390	27,254
Agricultural engineering, farm shop, electricity.....	12,716	12,981	12,651	12,868	14,785	17,662
Food selection and preparation.....	253,895	283,393	269,281	274,542	285,253	281,222
Food preservation.....	177,649	234,654	287,275	269,930	236,587	211,210
Health, home nursing, and first aid.....	188,290	165,647	154,739	134,169	155,510	164,124
Clothing.....	339,926	323,185	342,193	350,169	357,999	382,792
Home management.....	25,470	31,505	36,062	44,411	45,813	47,596
Home furnishings and room improvement.....	104,380	103,670	103,780	103,953	106,454	113,819
Home industry, arts, and crafts.....	74,370	62,373	50,912	52,647	52,229	60,320
Junior leadership.....	15,101	22,470	21,464	25,683	24,694	25,863
Miscellaneous.....	35,888	26,154	116,410	97,736	88,817	67,899

<sup>1</sup> 4-H Clubs provide for rural young people training of head, heart, hands, and health.<sup>2</sup> Different boys and girls completing is the sum of the individual boys and girls completing one or more projects, in contrast to project completions, which is the sum of all the projects completed by all boys and girls.

Extension Service. Data for 1934-40 in Agricultural Statistics, 1942, table 879.

# INDEX

<b>Abaca, imports—</b>	<b>Page</b>
fiscal years, 1934-46.....	483
origin, fiscal years, 1945-46.....	519
<b>Acreage—</b>	
harvested—	
principal crops, 1929-47.....	558-562
total of 52 crops, 1936-47.....	557
land in farms, census years, 1880-1945.....	527
planted, principal crops, 1929-47.....	556, 560-562
<i>See also</i> under specific crop.	
<b>Agricultural—</b>	
conservation—	
and forestry statistics.....	672-713
<i>See also</i> Conservation; Soil conservation;	
Water conservation.	
loans. <i>See</i> Loans.	
production, index numbers, 1929-48.....	564-566
products—	
exports—	
destination, fiscal years, 1945-46.....	486-513
fiscal years, 1934-46.....	480-482
index numbers, fiscal years, 1929-46.....	478
value, fiscal years, 1929-46.....	474-477
foreign trade.....	474-525
imports—	
fiscal years, 1934-46.....	483-485
index numbers, fiscal years, 1929-46.....	479
origin, fiscal years, 1945-46.....	514-525
value, fiscal years, 1929-46.....	474-477
shipments from noncontiguous Territories,	
fiscal years, 1929-46.....	478
shipments to noncontiguous Territories,	
fiscal years, 1929-46.....	478
<i>See also</i> Commodities, agricultural.	
Agricultural Marketing Act revolving fund,	
loans, 1930-48.....	636-641
Agriculture, Department of—	
deliveries of agricultural commodities to pro-	
grams, 1947.....	576
purchase of commodities, 1947.....	575
Alaska, trade with continental U. S., value, crop	
years, 1929-46.....	478
Alcohol, production from grains, 1938-47.....	30, 51, 70
Alfalfa seed—	
acreage, yield, and production, 1929-47.....	302, 304
prices, farm, 1929-47.....	302, 304
value, 1929-47.....	302
Almonds—	
exports, destination, fiscal years, 1945-46.....	502
imports—	
fiscal years, 1929-46.....	287, 484
origin, fiscal years, 1945-46.....	521
production and prices, 1929-47.....	287
shelled, production in foreign countries, 1930-	
39, 1942-47.....	291
value, 1929-47.....	287
Animal—	
products—	
exports, destination, fiscal years, 1945-46.....	486-492
imports, origin, fiscal years, 1945-46.....	514-518
<i>See also</i> Dairy products.	
units, numbers on farms, 1919-47.....	395
Animals—	
big-game, number and kill on national forests,	
by States, 1941-47.....	707
number and kind affected by rabies, 1938-47.....	397
slaughter under Federal inspection, 1938-47.....	391
Apple—	
juice, canned pack, crop years, 1934-47.....	222
waste, exports, destination, fiscal years, 1945-46.....	493

<b>Apples—</b>	<b>Page</b>
annual shipments, 1938-47.....	220
canned—	
exports, destination, fiscal years, 1945-46.....	495
exports, fiscal years, 1934-46.....	481
pack, 1929-47.....	222
consumption—	
1929-47.....	226
per capita, 1929-47.....	226
dried—	
exports, destination, fiscal years, 1945-46.....	493
exports, fiscal years, 1934-46.....	480
production, 1929-47.....	224
destination, fiscal years, 1945-46.....	492
fiscal years, 1929-46.....	173, 480
imports—	
fiscal years, 1929-46.....	173
origin, fiscal years, 1945-46.....	520
prices—	
farm, 1929-47.....	173, 176
market, 1938-47.....	179
production, 1929-47.....	172-179
trade, international, 1935-39, 1946-47.....	180
utilization, 1938-47.....	178, 179
value, 1929-47.....	173
Applesauce, canned—	
exports, destination, fiscal years, 1945-46.....	495
pack, 1929-47.....	222
Apricots—	
annual shipments, 1938-47.....	220
canned—	
exports, destination, fiscal years, 1945-46.....	495
exports, fiscal years, 1929-47.....	181, 481
pack, 1929-47.....	222
dried—	
exports, destination, fiscal years, 1945-46.....	493
exports, fiscal years, 1929-47.....	181, 480
production, 1929-47.....	224
prices, farm, 1929-47.....	181
production, 1929-47.....	172, 181, 182
utilization, 1938-47.....	182
value, 1929-47.....	181
Arrowroot, imports—	
fiscal years, 1934-46.....	484
origin, fiscal years, 1945-46.....	524
Artichokes—	
acreage, yield, and production, 1929-47.....	233
farm price and value, 1929-47.....	233
Asparagus—	
acreage and production, 1929-47.....	233, 234
annual shipments, 1938-47.....	279
canned—	
exports, destination, fiscal years, 1945-46.....	510
pack, 1929-47.....	281
prices, farm, 1929-47.....	233, 234
production, 1929-47.....	233
yield and value, 1929-47.....	233
Ass hides, imports, origin, fiscal years, 1945-46.....	516
Automobiles, number on farms, 1929-48.....	533
Avocados—	
imports—	
fiscal years, 1929-47.....	183, 483
origin, fiscal years, 1945-46.....	520
prices, farm, 1929-47.....	183
production, 1929-47.....	172, 183
value, 1929-47.....	183
Babassu—	
nuts, imports, origin, fiscal years, 1945-46.....	522
oil, factory consumption and disappearance,	
1945-47.....	164

	Page		Page
Bacon, exports—		Beans—Continued.	
destination, fiscal years, 1945-46.....	489	snap—Continued.	
fiscal years, 1934-46.....	480	canned—Continued.	
Bananas—		exports, destination, fiscal years, 1945-46.....	510, 511
imports—		prices, farm, 1929-47.....	236-238
1929-47.....	183	yield and value, 1929-47.....	236
fiscal years, 1934-46.....	483	Beef—	
origin, fiscal years, 1945-46.....	520	and veal, exports, destination, fiscal years,	
receipts from Hawaii and Puerto Rico, 1929-41	183	1945-46.....	488, 489
trade, international, 1934-38, 1940-47.....	184, 185	bungs, quantity graded, 1941-42.....	387
Bankhead-Jones Farm Tenant Act, status of		canned—	
land under, 1947.....	686	exports, destination, fiscal years, 1945-46.....	490
Banks—		exports, fiscal years, 1934-46.....	480
commercial insured, loans outstanding, 1931,		imports, origin, fiscal years, 1945-46.....	515
1935-48.....	636, 643	consumption—	
country, deposits, index numbers, 1924-47.....	540	1929-47.....	389
Federal—		per capita, 1929-47.....	389
intermediate credit, loans and discounts out-		exports, fiscal years, 1934-46.....	480
standing and made, 1929-48.....	636-641, 652	imports—	
land—		fiscal years, 1934-46.....	483
debt owed to and secured, Jan. 1, 1947 and		inspected and passed, 1938-47.....	385
1948.....	646-648	production, 1929-47.....	386, 389
loans, 1917-47.....	634, 635	quantity graded, 1938-47.....	387, 388
loans, number and amount made and out-		steer, prices, market, 1938-47.....	349
standing, 1947-48.....	646-648	world production, 1934-38, 1946-47.....	386
loans, number delinquent and/or extended,		See also Meat; Veal.	
Jan. 1, 1945-48.....	650	Bees—	
for cooperatives, loans outstanding and made,		number of colonies, 1939-47.....	117, 118
1934-48.....	636-641	package, shipments, 1946-47.....	117
Barley—		Beeswax—	
acreage, 1929-47.....	64-67, 556, 558, 560	imports—	
consumption—		1931-47.....	121
1929-47.....	72	origin, fiscal years, 1945-46.....	515
per capita, 1929-47.....	72	prices to producers, 1939-47.....	117, 119
exports—		production, 1939-47.....	117, 118
destination, fiscal years, 1945-46.....	498	Beets—	
fiscal years, 1929-47.....	64, 70, 481	acreage and production, 1929-47.....	238, 239
farm disposition, 1938-47.....	68	annual shipments, 1938-47.....	279
imports—		canned pack, 1929-47.....	281
fiscal years, 1929-47.....	64, 70	prices, farm, 1929-47.....	238, 239
origin, fiscal years, 1945-46.....	521	yield and value, 1929-47.....	238
malt, imports, origin, fiscal years, 1945-46.....	521	See also Sugar beets.	
prices—		Berries—	
farm, 1929-47.....	64, 65	annual shipments, 1938-47.....	220
market, 1929-47.....	64, 71	canned—	
production, 1929-47.....	64-68	exports, destination, fiscal years, 1945-46.....	496
receipts, 1937-46.....	69	pack, 1929-47.....	222
stocks on and off farms, 1938-47.....	70	dried, production, 1931-42.....	224
supply and distribution, crop years, 1939-48,		Blended citrus juices, canned, pack, crop years,	
utilization in alcoholic products, crop years,		1935-47.....	197
1939-47.....	70	Bonds, rates and yields, selected series, 1929-47.....	622
value, 1929-47.....	64	Bran, imports, origin, fiscal years, 1945-46.....	521
yield, 1929-47.....	64, 66, 67	Brazil nuts—	
Beans—		imports—	
baked, canned, exports, destination, fiscal		fiscal years, 1934-46.....	484
years, 1945-46.....	510	origin, fiscal years, 1945-46.....	522
dried—		production in Brazil and Bolivia, 1930-39,	
exports, destination, fiscal years, 1945-46.....	507, 508	1942-47.....	291
imports, fiscal years, 1934-46.....	485	Broccoli, annual shipments, 1939-47.....	279
dry edible—		Broilers, production, price, and income, 1934-47.....	445, 446
acreage, 1929-47.....	315, 318, 556, 558, 560	Broomcorn—	
consumption, 1929-47.....	280	acreage—	
consumption per capita, 1929-47.....	280	1929-47.....	559, 560
exports, crop years, 1929-47.....	315	yield and production, 1929-47.....	324
farm disposition, 1938-47.....	315	value and farm price, 1929-47.....	324
imports, crop years, 1929-47.....	315	Buckwheat—	
prices, farm, 1929-47.....	315, 318	acreage, 1929-47.....	40, 41, 556, 558, 560
prices, market, crop years, 1929-47.....	315, 320	exports, crop years, 1929-46.....	40
production, 1929-47.....	315-320	farm disposition, 1938-47.....	41, 42
stocks on hand, 1929-47.....	315	imports, crop years, 1929, 1935-46.....	40, 41
value, 1929-47.....	315	prices, farm, 1929-47.....	40, 41
yield, 1929-47.....	315, 318	production, 1929-47.....	40-42
lima—		value, 1929-47.....	40
acreage and production, 1929-47.....	235, 236	yield, 1929-47.....	40
annual shipments, 1938-47.....	279	Buffalo hides, imports, origin, fiscal years, 1945-46.....	516
canned, exports, destination, fiscal years,		Buildings, farm, value, selected years, 1850-1948.....	528, 529, 532
1945-46.....	510	Bulls—	
canned pack, 1929-47.....	281	number on farms, 1930-48.....	326
prices, farm, 1929-47.....	235, 236	slaughter under Federal inspection, 1938-47.....	346
yield and value, 1929-47.....	236	Butter—	
snap—		consumption—	
acreage and production, 1929-47.....	236-238	1929-47.....	168, 405, 407, 409, 427
annual shipments, 1938-47.....	279	per capita, 1929-47.....	168, 427
canned—			
consumption, 1929-47.....	282		
consumption per capita, 1929-47.....	282		
pack, 1929-47.....	281		

	Page		Page
Butter—Continued.		Cashew—	
creamery—		dried—	
cold-storage holdings, 1938-47.....	428	imports, 1932-47.....	428
prices, wholesale, 1938-47.....	431	prices, 1938-47.....	429
production, 1939-46.....	422, 424	production, 1932-47.....	424, 428, 429
disappearance, 1929-47.....	427	imports—	
exports—		fiscal years, 1934-46.....	483
destination, fiscal years, 1945-46.....	486	origin, fiscal years, 1945-46.....	515
fiscal years, 1934-46.....	480	Cashews, imports—	
futures—		fiscal years, 1934-46.....	484
prices, 1938-47.....	432	origin, fiscal years, 1945-46.....	522
trading, 1938-47.....	432	Castor—	
imports—		beans, imports—	
fiscal years, 1934-46.....	483	fiscal years, 1934-46.....	484
origin, fiscal years, 1945-46.....	514	origin, fiscal years, 1945-46.....	522
market receipts, 1938-47.....	430, 431	oil—	
prices—		factory consumption and disappearance,	
farm, 1930-47.....	410, 412, 414	1945-47.....	164
market, 1938-47.....	431, 432	imports, fiscal years, 1934-46.....	484
production on farms, 1930-47.....	404, 406, 408	Cattle—	
quantity graded, 1930-47.....	432	Bang's disease work, 1939-48.....	403
sales from farms, 1930-47.....	405, 407, 409-414	beef, purebred, number registered, by breeds,	
stocks on hand, Jan. 1, 1930-48.....	425	1938-47.....	336
Butterfat—		dairy—	
payments to producers, 1943-46.....	416	breeding associations, 1938-48.....	401
percentage in milk, 1930-47.....	404, 406, 408	purebred, number registered, by breeds,	
prices, farm, 1930-47.....	403, 410, 412, 414	1938-47.....	402
production—		dual-purpose, number registered, by breeds,	
feed cost, and value per cow, 1946.....	401	1938-47.....	336
on farms, 1930-47.....	404, 406, 408	feeder and stocker shipments into North Central	
sales from farms, 1930-47.....	410, 412, 414	States, 1943-47.....	345
yield per cow, 1930-47.....	404, 406, 408	hides—	
Butterfat-feed price ratio, 1927-47.....	404	imports, fiscal years, 1934-46.....	483
Cabbage—		imports, origin, fiscal years, 1945-46.....	516
acreage and production, 1929-47.....	240-242	imports, origin, fiscal years, 1945-46.....	514
annual shipments, 1938-47.....	279	income, 1930-47.....	337-341
prices, farm, 1929-47.....	240-242	number—	
yield and value, 1929-47.....	240	in specified countries, 1931-40, 1943-47.....	334, 335
Cabretta skins, imports, origin, fiscal years,		on farms, 1930-48.....	332, 333, 336
1945-46.....	517	on feed, 1930-48.....	342
Cacao beans—		prices—	
exports from principal countries, 1930-47.....	294	farm, 1930-47.....	337
imports—		in Argentina, 1938-47.....	349
fiscal years, 1934-46.....	485	in Canada, 1938-47.....	349
origin, fiscal years, 1945-46.....	519	market, 1938-47.....	348
Calf—		production and disposition, 1930-47.....	337-341
crop, 1930-47.....	332, 337	receipts at public stockyards, 1938-47.....	343
skins, imports, origin, fiscal years, 1945-46.....	516	shipments from public stockyards, 1940-47.....	344
Calves—		slaughter—	
feeder and stocker shipments into North Central		annual, 1930-47.....	345, 347
States, 1943-47.....	345	by States, 1946-47.....	347
heifer, number on farms, 1930-48.....	336, 398-400	farm, 1930-47.....	337-341, 345
income, 1930-47.....	337-341	under Federal inspection, 1930-47.....	345
number on farms, 1930-48.....	333, 336	346, 348, 391	
on feed, 1930-48.....	342	slaughtered, live weight—	
prices, farm, 1930-47.....	337	and costs, 1938-47.....	348
production and disposition, 1930-47.....	337-341	by States, 1947.....	347
receipts at public stockyards, 1938-47.....	343	tuberculin testing, 1939-48.....	402
slaughter—		value—	
annual, 1930-47.....	345, 347	Jan. 1, 1930-48.....	332, 333
farm, 1930-47.....	337-341, 345	of production, 1930-47.....	337-341
under Federal inspection, 1930-47.....	345	Cauliflower—	
346, 348, 391		acreage and production, 1929-47.....	245, 246
slaughtered, live weight—		annual shipments, 1938-47.....	279
and costs, 1938-47.....	348	prices, farm, 1929-47.....	245, 246
by States, 1947.....	347	yield and value, 1929-47.....	245
value—		Celery—	
Jan. 1, 1936-48.....	333	acreage and production, 1929-47.....	246, 247
of production, 1930-47.....	337-341	annual shipments, 1938-47.....	279
veal, prices, market, 1938-47.....	348	prices, farm, 1929-47.....	246, 247
Camel hair, imports, origin, fiscal years, 1945-46.....	518	yield and value, 1929-47.....	246
Cantaloupe—		Cheese—	
acreage and production, 1929-47.....	243, 244	American, prices, wholesale, 1938-47.....	433
annual shipments, 1938-47.....	279	American Cheddar, production, 1940-46.....	422
prices, farm, 1929-47.....	243, 244	cold-storage holdings, 1938-47.....	428
yield and value, 1929-47.....	244	consumption—	
See also Melons; Muckmelons.		1929-47.....	427
Carcases, whole, number condemned under		per capita, 1929-47.....	427
Federal inspection, 1938-47.....	391	disappearance, 1929-47.....	427
Carnauba wax, imports, origin, fiscal years,		exports—	
1945-46.....	523	destination, fiscal years, 1945-46.....	486
Carrots—		fiscal years, 1934-46.....	480
acreage and production, 1929-47.....	244, 245	imports—	
annual shipments, 1938-47.....	279	fiscal years, 1934-46.....	483
canned pack, 1929-47.....	281	origin, fiscal years, 1945-46.....	514, 515
prices, farm, 1929-47.....	244, 245	market receipts, 1938-47.....	433, 434
yield and value, 1929-47.....	244		



Cheese—Continued.	Page	Citrus—Continued.	Page
production, 1939-46.....	422, 424	juices—	
quantity graded, 1930-47.....	432	canned—	
stocks on hand, Jan. 1, 1930-48.....	425	pack, crop years, 1928-47.....	222
Cherries—		receipts from Puerto Rico and Hawaii, 1929-47.....	222
annual shipments, 1938-47.....	220	<i>See also</i> Grapefruit; Lemons; Limes; Oranges; Tangerines.	
canned pack, 1929-47.....	222	Clover seed—	
exports—		acreage, yield, and production, 1929-47.....	302-305
destination, fiscal years, 1945-46.....	495	prices, farm, 1929-47.....	303-308
fiscal years, 1929-46.....	186	value, 1929-47.....	303
farm disposition, 1938-47.....	188-190	<i>See also</i> Sweetclover seed.	
imports—		Cocoa—	
fiscal years, 1929-46.....	186	butter—	
origin, fiscal years, 1945-46.....	520	exports, fiscal years, 1934-46.....	481
prices, farm, 1929-47.....	186, 187	imports, fiscal years, 1934-46.....	484
production, 1929-47.....	172, 186-190	imports—	
utilization, 1938-47.....	188-190	fiscal years, 1934-46.....	485
value, 1929-47.....	186	origin, fiscal years, 1945-46.....	519
Chestnuts, imports—		Cocunut—	
fiscal years, 1934-46.....	484	cake, imports, origin, fiscal years, 1945-46.....	521
origin, fiscal years, 1945-46.....	522	meal, imports, origin, fiscal years, 1945-46.....	521
Chicken-feed price ratios, 1937-47.....	448	oil—	
Chickens—		exports, fiscal years, 1934-46.....	481
broiler, production, price, and income, 1934-47.....	445, 446	factory consumption and disappearance, 1945-47.....	164
cash income, 1930-47.....	440-444	imports—	
cold-storage holdings, 1930-47.....	452	fiscal years, 1934-46.....	484
consumption—		origin, fiscal years, 1945-46.....	523
1929-47.....	440-444, 452, 473	Coffee—	
per capita, 1929-47.....	452, 473	imports—	
exports, 1930-47.....	452	fiscal years, 1934-46.....	485
farm disposition, 1930-47.....	440-444	origin, fiscal years, 1945-46.....	519
gross income, 1930-47.....	440-446	production, exportable, in principal countries, 1930-47.....	293
imports, 1930-47.....	452	Commodities, agricultural—	
live weight, average, 1938-47.....	445	deliveries by U. S. D. A. to programs, 1947.....	576
number—		exportation and domestic consumption, encouragement operations, fiscal years, 1947-48.....	572
in specified countries, 1934-47.....	453	goals, 1937-48.....	554, 555
on farms, 1930-48.....	434-436	owned by Commodity Credit Corporation, Dec. 31, 1947.....	670
participation in National Poultry Improvement Plan, 1935-47.....	437, 438	purchases by—	
prices—		Commodity Credit Corporation, costs, fiscal years, 1947-48.....	671
farm, 1930-47.....	440-446	U. S. D. A., 1947.....	575
market, 1938-47.....	449, 452	<i>See also</i> Agricultural products.	
production, 1930-47.....	440-448, 452	Commodity Credit Corporation—	
Record of Performance, 1935-47.....	437-439	expenditures, fiscal years, 1947-48.....	671
Register of Merit, 1935-46.....	437, 439	inventory, 1947.....	670
sales from farms, 1930-47.....	440-445	loan programs—	
tested for pullorum disease, reactors, 1938-47.....	453	1933-47.....	666-671
trap-nested, under National Poultry Improvement Plan, 1939-47.....	439	fiscal year, 1948.....	671
value—		loans, 1933-47.....	666-671
Jan. 1, 1930-48.....	434, 436	purchases—	
of production, 1930-47.....	440-444	costs, fiscal years, 1947-48.....	671
<i>See also</i> Chicks; Poultry.		sales, and stocks of wool.....	380
Chickpeas—		Concentrates fed to milk cows, value, 1927-47.....	404
dried, exports, destination, fiscal years, 1945-46.....	508	Conservation—	
dry edible, production, 1930-39, 1941-47.....	316, 317	plans prepared and treatment applied, 1947.....	684
Chicks—		practices—	
baby, prices, 1930-47.....	447, 448	by States, cumulative to Dec. 31, 1947.....	682-684
number hatched by commercial hatcheries, 1930-47.....	447, 448	under Soil Conservation Service, 1943-47.....	685
value, 1930-47.....	447, 448	program—	
Cigarettes—		1946, number of payees and farms participating, 1936-47.....	673
manufactured, 1938-47.....	133	payments, 1936-47.....	672, 673
prices, wholesale, 1938-47.....	132	soil and range-building practices, 1938-46.....	674-677
tobacco leaf used in manufacture, 1938-47.....	132	<i>See also</i> Soil conservation.	
Cigars—		Consumers' price index, by groups and by years, 1929-47.....	588
manufactured, 1938-47.....	133	Consumption, domestic, encouragement by purchase and indemnity operations, fiscal years, 1947-48.....	572
prices, wholesale, 1938-47.....	132	Consumption per capita—	
tobacco leaf used in manufacture, 1938-47.....	132	apples, 1929-47.....	226
Citrus—		barley, 1929-47.....	72
fruits—		beans—	
annual shipments, 1938-47.....	220	dry edible, 1929-47.....	280
consumption, 1929-47.....	226	snap, canned, 1929-47.....	282
consumption per capita, 1929-47.....	226	beef, 1929-47.....	389
exports, crop years, 1929-46.....	192	butter, 1929-47.....	168, 427
exports, fiscal years, 1934-46.....	480	cheese, 1929-47.....	427
foreign production, 1930-39, 1942-47.....	194, 195	chickens, 1929-47.....	452, 473
imports, crop years, 1929-46.....	192, 193	citrus fruits, 1929-47.....	226
prices, farm, 1929-47.....	191-193		
prices, market, 1938-47.....	197		
production, 1929-47.....	191-195		
quantities processed, 1929-47.....	192, 193		
receipts from Puerto Rico, fiscal years, 1929-47.....	192, 196		
value, 1929-47.....	192, 193		

## Consumption per capita—Continued.

## Page

corn—	
canned, 1929-47	282
cereal, 1929-47	72
meal, 1929-47	72
products, 1929-47	72
sirup, 1929-47	72
sugar, 1929-47	72
cornstarch, 1929-47	72
cotton, 1938-47	95
cream, 1929-47	426
eggs, 1929-47	468, 473
fat products, 1931-47	168
fats, 1931-47	168
fruit juices, canned, 1929-47	226
fruits—	
1929-47	226
canned, 1929-47	226
dried, 1929-47	226
frozen, 1929-47	226
grain products, 1929-47	72
grains, 1929-47	427
ice cream, 1929-47	389
lamb, 1929-47	168, 361, 389
lard, 1929-47	389
meats, 1929-47	389
melons, 1929-47	280
milk—	
1929-47	426
condensed, 1929-47	426
dry, 1929-47	426
evaporated, 1929-47	426
solids, dry, 1935-47	427
mutton, 1929-47	389
nutrients, 1930-48	568
oatmeal, 1929-47	72
oil products, 1931-47	168
oils, 1931-47	168
oleomargarine, 1931-47	158, 168
paper, annual, 1929-47	708
paperboard, annual, 1929-47	708
peas, canned, 1929-47	282
pork, 1929-47	389
potatoes, 1929-47	280
poultry, 1929-47	473
rayon, 1938-47	95
rice products, 1929-47	72
rye flour, 1929-47	72
shortening, 1931-47	158, 168
silk, 1938-47	95
soap, 1931-47	168
sugars, 1929-47	168
sweet potatoes, 1929-47	280
tomatoes—	
1929-47	280
canned, 1929-47	282
turkeys, 1929-47	462, 473
veal, 1929-47	389
vegetables—	
1929-47	280
canned, 1929-47	282
wheat—	
1929-47	72
cereal, 1929-47	72
flour, 1929-47	72
wool, 1938-47	95
Conversion factors, weights and measures	6
Cooperative organizations, farmers', 1936-46	569-571
Copra, imports—	
fiscal years, 1934-46	484
origin, fiscal years, 1945-46	521, 522
Corn—	
acreage, 1929-47	43-47, 556, 558, 560
canned—	
consumption, 1929-47	282
consumption per capita, 1929-47	282
exports, destination, fiscal years, 1945-46	511
pack, 1929-47	281
cereal, consumption per capita, 1929-47	72
consumption, 1929-47	72
crop insurance, 1945-48	629
exports—	
crop years, 1929-46	43, 51
destination, fiscal years, 1945-46	498, 499
fiscal years, 1934-46	481
farm disposition, 1938-47	48, 49

## Corn—Continued.

## Page

flour, exports—	
destination, fiscal years, 1945-46	499
fiscal years, 1934-46	482
futures—	
open contracts, crop years, 1938-47	54
prices, crop years, 1938-47	55
trading, crop years, 1938-47	54
grain, harvesting methods, 1938, 1943, 1946	538
green, annual shipments, 1938-47	279
hybrids, acreage planted, percentage of total, 1933-48	48
imports—	
crop years, 1929-46	43, 51
origin, fiscal years, 1915-46	521
loan program, Commodity Credit Corporation, 1933-47	666, 668, 669
meal, consumption per capita, 1929-47	72
oil—	
exports, destination, fiscal years, 1945-46	503
exports, fiscal years, 1934-46	481
factory consumption and disappearance, 1945-47	164
prices—	
farm, 1929-47	43, 44
market, 1929-47	43, 54
production—	
1929-47	43-49
costs, 1938-46	53, 604
products—	
consumption per capita, 1929-47	72
wet-processed, sales, 1938-47	50
shelled, receipts, crop years, 1937-46	52
sirup—	
consumption per capita, 1929-47	72
production, exports, and consumption, 1929-47	116
stocks on and off farms, crop years, 1938-48	50
sugar, consumption per capita, 1929-47	72
supply and distribution, crop years, 1938-47	51
sweet—	
acreage, production, and farm price, 1929-47	247, 248
yield and value, 1929-47	247
tractor power used in planting, 1939, 1946	539
utilization—	
by States, 1946-47	45
in alcoholic products, crop years, 1938-46	51
value, 1929-47	43
yellow, prices, market, crop years, 1938-47	54
yield, 1929-47	43, 46, 47
Corn-hog ratios, 1927-47	52
Cornstarch—	
consumption per capita, 1929-47	72
exports—	
destination, fiscal years, 1945-46	499
fiscal years, 1934-46	482
Cotton—	
acreage, 1929-47	79-83, 90, 556, 558, 560
American-Egyptian, carry-over and ginnings, by grade and staple length, crop years, 1938-48	88
carry-over, crop years, 1938-48	86, 87
consumption—	
1938-47	95
crop years, 1938-47	85
per capita, 1938-47	95
crop insurance, 1942-48	627, 629
disappearance and distribution, crop years, 1938-48	85
discounts and premiums, crop years, 1938-47	92, 93
exports—	
crop years, 1929-47	79, 85
destination, fiscal years, 1945-46	492
fiscal years, 1934-46	482
index numbers, fiscal years, 1929-46	478
foreign—	
carry-over, crop years, 1938-48	84
carry-over, staple length, 1939-48	89
mill consumption, crop years, 1938-47	84
prices, crop years, 1940-47	91
production, crop years, 1938-48	84
supply, crop years, 1938-48	84
futures—	
open contracts, crop years, 1938-47	93
prices, crop years, 1938-47	94
trading volume, crop years, 1938-47	93

	Page		Page
Cotton—Continued.		Cows—	
ginning cost per bale, crop years, 1938-47	91	milk—	
ginnings, crop years, 1938-48	85	number on farms, 1930-48	336, 398, 399, 404, 406, 408
grade and staple length, 1943-47	88	prices, farm, 1938-47	403
imports—		value, Jan. 1, 1930-48	398, 399
crop years, 1929-47	79, 85	<i>See also Cattle, dairy.</i>	
fiscal years, 1934-46	483	number on farm, 1930-48	336
origin, fiscal years, 1945-46	519	prices, market, 1938-47	348
linters—		slaughter under Federal inspection, 1938-47	346
exports, destination, fiscal years, 1945-46	492	Cranberries—	
exports, fiscal years, 1934-46	482	acreage, value, and yield, 1929-47	198
imports, origin, fiscal years, 1945-46	519	annual shipments, 1938-47	220
prices, crop years, 1937-48	94	prices, farm, 1929-47	198
production, crop years, 1938-47	137	production, 1929-47	172, 198
supply and distribution, crop years, 1937-48	137	quantities processed, 1934-47	198
loan program, Commodity Credit Corporation, 1933-47	666, 668, 669	Cream—	
mill consumption, crop years, 1938-47	85	consumption—	
prices—		1929-47	405, 407, 409, 415, 426
farm, 1929-47	79, 80	per capita, 1929-47	426
Liverpool, 1940-47	91	disappearance, 1929-47	426
market, crop years, 1929-47	79, 91-94	exports, fiscal years, 1934-46	480
production—		fluid, cold-storage holdings, 1945-47	428
1929-47	79-85	imports, fiscal years, 1934-46	483
cost, 1930-46	90, 603	market receipts, 1938-47	420, 421
supply, crop years, 1938-48	85	plastic, cold-storage holdings, 1945-47	428
tractor power used on crop, 1939, 1946	539	prices—	
upland—		farm, 1930-47	410, 412, 414
carry-over ginnings, supply, and disappearance		wholesale, 1938-47	421
by grade, crop years, 1938-48	86	sales from farms, 1930-47	405, 407, 409-414
by staple length, crop years, 1938-48	87	stocks on hand, Jan. 1, 1930-48	425
grade index and staple length, crop years, 1943-47	88	Credit banks, Federal intermediate. <i>See Banks,</i>	
value, 1929-47	79	Federal intermediate credit.	
world—		Crim vegetal, imports, origin, fiscal years, 1945-46	519
carry-over, production, supply, mill consumption, crop years, 1938-48	84	Crop—	
production, crop years, 1929-47	81-84	insurance—	
yield per acre—		1939-47	625-629
1929-47	79, 90	experimental programs, 1945-48	629
reduction, causes, 1946-47	81	loan programs, Commodity Credit Corporation, 1933-47	666-671
Cottonseed—		loans, 1929-48	636-639, 657-659
cake—		Cropland, acreage harvested, 1850-1945	527-529
exports, destination, fiscal years, 1945-46	501	Crops—	
exports, fiscal years, 1934-46	482	acreage, 1935-46	556-562
production, crop years, 1938-47	137	farm value, 1946-47	560-562
farm disposition, 1929-47	135	held for sale, value, 1929-48	532
hulls—		principal—	
prices, crop years, 1938-47	137	acreage harvested, 1929-47	558-562
production, crop years, 1938-47	137	acreage planted, 1929-47	556, 560-562
meal—		farm value, 1945-47	557
exports, destination, fiscal years, 1945-46	501	goals, 1937-48	554
exports, fiscal years, 1934-46	482	production—	
prices, crop years, 1938-47	137	1936-47	560-562
production, crop years, 1938-47	137	index numbers, 1929-48	564, 565
oil—		<i>See also Truck crops.</i>	
exports, destination, fiscal years, 1945-46	503, 504	Cucumbers—	
exports, fiscal years, 1934-46	481	acreage and production, 1929-47	248-250
factory consumption and disappearance, 1945-47	164	annual shipments, 1938-47	279
futures, prices, crop years, 1938-47	137	prices, farm, 1929-47	248-250
futures, trading, crop years, 1938-47	137	yield and value, 1929-47	248
imports, fiscal years, 1934-46	484	Currents—	
prices, crop years, 1938-47	137	exports, destination, fiscal years, 1945-46	494, 495
production, crop years, 1938-47	137	imports, origin, fiscal years, 1945-46	520
prices, farm, 1929-47	80, 135	Dairy—	
production, 1929-47	79, 80, 135, 136	cattle breeding associations, 1938-48	401
products—		herd improvement associations, 1938-48	401
prices, crop years, 1938-47	137	production program payments, 1943-46	416
production, crop years, 1938-47	137	products—	
quantity crushed, crop years, 1938-47	137	cold-storage holdings, 1938-47	428
value, 1929-47	79, 135	disappearance, 1929-47	426, 427
yield per acre, 1929-47	135	exports, destination, fiscal years, 1945-46	486-488
Cover crop, winter, seed production in U. S., 1936-47	306	exports, fiscal years, 1934-46	480
Cowpeas—		imports, fiscal years, 1934-46	483
acreage, 1929-47	325, 326, 558, 560	imports, index numbers, fiscal years, 1929-46	479
dried, exports, destination, fiscal years, 1945-46	508	income from, cash and gross, 1930-47	411, 413, 414
farm disposition, 1938-47	325, 327	prices, manufacturers', 1938-47	429
prices, farm, 1929-47	325, 326	production, 1939-46	422-424
production, 1929-47	325-327	quantities manufactured, 1939-46	422-424
value, 1929-47	325	sales from farms, 1930-47	410-414
yield, 1929-47	325, 326	stocks, manufacturers', 1938-47	425
		stocks on hand, Jan. 1, 1930-48	425
		<i>See also Animal products.</i>	
		statistics	398-434
		Dates—	
		dried, production, 1929-47	224
		exports, destination, fiscal years, 1945-46	495

Dates—Continued.	Page	Exports—Continued.	Page
imports—		encouragement by purchase and indemnity	
fiscal years, 1929-46.....	198	operations, fiscal years, 1947-48.....	572
origin, fiscal years, 1945-46.....	520	principal agricultural products, destination,	
production, farm price, and value, 1929-47.....	198	fiscal years, 1945-46.....	486-513
Deer skins, imports, origin, fiscal years, 1945-46.....	517	<i>See also</i> under specific crops.	
Discounts—		Extension—	
Farm Credit Administration, 1929-48.....	644, 645	activities and accomplishments, 1941-46.....	727
Federal intermediate credit banks, 1938-48.....	652	work, projects, 1941-46.....	727
Egg—		workers, numbers employed, 1946-47.....	728
dried, production, 1938-47.....	471	Family, farm—	
futures—		level-of-living indexes, 1940, 1945.....	601, 602
open contracts, 1938-47.....	470	living expenditures, 1936-47.....	599, 600
trading, 1938-47.....	470	Farm—	
liquid, production and disposition, 1938-47.....	471	buildings, value, selected years, 1850-1948.....	528,
products—		529, 532	
exports, destination, fiscal years, 1945-46.....	488	cash receipts, 1946-47.....	592-595
imports, fiscal years, 1934-46.....	483	conservation plans, soil conservation districts,	
imports, origin, fiscal years, 1945-46.....	515	1947.....	684
Egg-feed price ratios, 1937-47.....	448	equipment—	
Eggplant—		and related products, manufactured and	
acreage and production, 1929-47.....	250, 251	shipped, value, 1929-47.....	535
annual shipments, 1938-47.....	279	value, 1929-48.....	532
imports, origin, fiscal years, 1945-46.....	524	<i>See also</i> Machinery, farm.	
prices, farm, 1929-47.....	250, 251	family. <i>See</i> Family, farm.	
yield and value, 1929-47.....	250	fire losses, 1937-47.....	625
Eggs—		homes, rental value, 1929-47.....	590
cold-storage—		income. <i>See</i> Income.	
holdings, 1938-47.....	473	labor. <i>See</i> Labor, farm.	
stocks, Jan. 1, 1930-47.....	468	land—	
consumption—		acreage, 1850-1945.....	528, 529
1929-47.....	463-468, 473	forest-tree plantings, number and costs,	
per capita, 1929-47.....	468, 473	1929-47.....	704
disposition and income, 1930-47.....	463-467	value, selected years, 1850-1948.....	528, 529, 532
dried—		mortgage. <i>See</i> Mortgage(s), farm.	
cold-storage holdings, 1944-47.....	473	operators—	
imports, origin, fiscal years, 1945-46.....	515	production expenses, 1929-47.....	606
imports, fiscal years, 1934-46.....	483	<i>See also</i> Farmers.	
exports—		output, index numbers, 1929-47.....	566
1930-47.....	468	population. <i>See</i> Population, farm.	
destination, fiscal years, 1945-46.....	488	production, index numbers, 1929-47.....	566
fiscal years, 1934-46.....	480	products—	
frozen—		consumed where produced, value, 1929-47.....	590-593
cold-storage holdings, 1938-47.....	473	income, cash, 1929-47.....	590-595
imports, fiscal years, 1934-46.....	483	income, gross, 1929-47.....	590
imports, origin, fiscal years, 1945-46.....	515	prices, farm, and parity prices, 1935-39, 1945-	
imports—		47.....	577-581
1930-47.....	468	property—	
fiscal years, 1934-46.....	483	maintenance, costs, 1929-47.....	606
origin, fiscal years, 1945-46.....	515	taxes, 1929-47.....	606, 615
income from, 1930-47.....	463-467	value, 1929-48.....	532
lay, rate, 1930-47.....	463-467	real estate. <i>See</i> Real estate, farm.	
market receipts, 1938-47.....	468, 469	Farm Credit Administration, loans—	
numbers used for hatching, 1930-47.....	463-468	1929-48.....	636-641, 644, 645
prices—		and discounts—	
farm, 1930-47.....	463-467	made, 1929-47.....	644
wholesale, 1938-47.....	470	outstanding, 1930-48.....	645
production, 1930-47.....	463-468	to farmers' cooperative associations, 1939-48.....	652
quantity graded, 1938-47.....	472	Farmers—	
sales, 1930-47.....	463-467	cooperative associations—	
value, 1930-47.....	463-467	loans, 1929-48.....	636-644, 652
Electric service, central-station, farms receiving, 1934-47.....	661	type, number, and membership.....	571
Electrification, rural, services, 1929-47.....	614	marketing and purchasing associations, mem-	
Employment—		bership and business, 1936-46.....	569, 570
farm, average number of persons employed, 1929-47.....	547	<i>See also</i> Farm operators.	
of foreign agricultural workers, 1946-47.....	549	Farmers Home Administration—	
<i>See also</i> Labor; Workers.		loans, 1929-48.....	636-641
Encephalomyelitis, infectious equine, incidence and mortality, 1939-47.....	397	non-real estate loans, 1938-48.....	657
Equipment, farm. <i>See</i> Farm equipment.		production and subsistence loans, 1946-48.....	636-
Escarole—		641, 657-659	
acreage, production, and farm price, 1929-47.....	251	real estate loans, 1938-48.....	657
annual shipments, 1939-47.....	279	rural rehabilitation borrower, status, 1946.....	657
yield and value, 1929-47.....	251	water facilities borrower, status, 1946.....	659
Expenditures—		Farms—	
farm family living, 1936-47.....	590, 600	electrified, 1929-47.....	614
forest fire protection, fiscal years, 1929-47.....	702, 703	number—	
Expenses—		1850-46.....	528, 529
farm, and resources and income.....	527-671	receiving central-station electric service,	
farm operators, 1929-47.....	606	1934-47.....	661
Exports—		ownership changes, 1939-48.....	531
agricultural products. <i>See</i> Agricultural products		Fat products—	
cultural, exports.		consumption—	
		1931-47.....	168
		per capita, 1931-47.....	168

Fats—	Page	Fishery products—Continued.	Page
animal, production, stocks, and disappearance, 1938-47.....	160, 161	frozen, production, 1938-47.....	725
consumption—		imports, 1943-47.....	723
1931-47.....	168	Flax—	
in drying-oil industries, 1938-47.....	162	crop insurance, 1945-48.....	628, 629
per capita, 1931-47.....	168	fiber, acreage, yield, production, farm price, and value, 1938-47.....	94
cooking, exports, destination, fiscal years, 1945-46.....	503	imports, origin, fiscal years, 1945-46.....	519
exports—		Flaxseed—	
1938-47.....	160, 161	acreage, 1929-47.....	138, 140, 141, 556, 558, 560
destination, fiscal years, 1945-46.....	491	crushed for linseed oil, production, fiscal years, 1938-47.....	142
factory consumption and disappearance, 1945-47.....	164-167	exports, fiscal years, 1929-47.....	138
imports, 1938-47.....	160, 161	farm disposition, 1946-47.....	139
prices—		imports—	
1935-47.....	169	fiscal years, 1929-47.....	138, 139, 484
index numbers, 1941-47.....	170	origin, fiscal years, 1945-46.....	522
use in products for civilian consumption, 1931-47.....	168	prices—	
used in manufacture of—		farm, 1929-47.....	138
shortening, 1940-47.....	159	market, crop years, 1929-47.....	138
soap, 1940-47.....	163	production, 1929-47.....	138-141
vegetable, imports, fiscal years, 1934-46.....	484	receipts, crop years, 1937-46.....	142
See also Oils; Shortening; and under specific kinds.		supply and distribution, crop years, 1929-47.....	139
Federal Farm Mortgage Corporation, debt owed to and secured, Jan. 1, 1947 and 1948.....	649	value, 1929-47.....	138
Feed—		yield per acre, 1929-47.....	138, 140, 141
bought, cost to farm operators, 1929-47.....	606	See also Linseed.	
grains, prices, 1937-47.....	76	Flour. See under specific kind.	
loans, 1929-48.....	636-639, 657-659	Food—	
Feeds—		distribution programs—	
commercial, disappearance, crop years, 1937-47.....	77	persons participating, fiscal years, 1936-48.....	574
imports, index numbers, fiscal years, 1929-46.....	479	quantity and costs, fiscal years, 1936-48.....	573
Feedstuffs, prices, market, crop years, 1937-47.....	78	frozen, locker plants, number, capacity, patronage, and use, 1946-47.....	726
Fertilizer—		prices, farm-to-retail spread, 1921-47.....	582, 583
bought, cost to farm operators, 1929-47.....	606	products, marketing charges, 1921-47.....	582, 583
materials, sales and value, 1944-46.....	608	Foreign trade. See Agricultural products, foreign trade; also under specific crops.	
Fertilizers—		Forest—	
consumption, 1929-47.....	609-612	fires, protection expenditures, fiscal years, 1929-47.....	702, 703
plant food content, 1929-47.....	612	land area and ownership, 1946.....	688, 689
See also Plant food.		products, value, fiscal years, 1929-47.....	703
Fibers—		tree plantings on farm lands, number and cost, fiscal years, 1929-47.....	704
imports—		Forestry and agricultural conservation statistics.....	672-713
fiscal years, 1934-46.....	483	Forests. See National forests.	
origin, fiscal years, 1945-46.....	519, 520	4-H Clubs, numbers, enrollment, and projects, 1941-46.....	730
See also under specific kinds.		Frost, killing, dates, with length of growing season, 1947.....	718, 719
Field seeds. See Seeds, field.		Fruit—	
Figs—		cocktail, canned pack, 1929-47.....	222
canned, farm price, production, and value, 1929-47.....	199	for salad—	
dried—		canned, exports, destination, fiscal years, 1945-46.....	496
exports, destination, fiscal years, 1945-46.....	493	canned, exports, fiscal years, 1934-46.....	481
imports, fiscal years, 1929-46.....	199	dried, exports, destination, fiscal years, 1945-46.....	494
production, 1929-47.....	199, 224	dried, exports, fiscal years, 1934-46.....	480
farm price and value, 1929-47.....	199	juices, canned—	
imports, origin, fiscal years, 1945-46.....	520	consumption, 1929-47.....	226
production, 1929-47.....	172, 199	consumption per capita, 1929-47.....	226
Filberts—		exports, destination, fiscal years, 1945-46.....	497, 498
exports, destination, fiscal years, 1945-46.....	502	pack, 1928-47.....	222
imports—		receipts from Puerto Rico and Hawaii, 1928-47.....	222
fiscal years, 1929-46.....	288	See also under specific kinds.	
origin, fiscal years, 1945-46.....	522	nectars, canned pack, crop years, 1934-47.....	222
production—		pulp, canned, exports, destination, fiscal years, 1945-46.....	497
and prices, 1929-47.....	288	salad, canned pack, 1929-47.....	222
in foreign countries, 1930-39, 1942-47.....	291	Fruits—	
value, 1929-47.....	288	annual shipments, 1938-47.....	220
Fire, farm, losses, 1937-47.....	625	canned—	
Fires—		consumption, 1929-47.....	226
forest—		consumption per capita, 1929-47.....	226
number and area, fiscal years, 1929-47.....	702	exports, destination, fiscal years, 1945-46.....	495-497
protection expenditures, fiscal years, 1929-47.....	702, 703	exports, fiscal years, 1934-46.....	481
Fish—		pack, 1929-47.....	222
liver oils, factory consumption and disappearance, 1945-47.....	164	cold-storage holdings, 1938-47.....	287
oil, factory consumption and disappearance, 1945-47.....	164	consumption—	
packaged, fresh and frozen, production, by species, 1929-46.....	722	1929-47.....	226
Fisheries, catch and disposition, 1929-47.....	721	per capita, 1929-47.....	226
Fishery products—			
canned, production and value, 1938-47.....	721		
exports, 1943-47.....	723		

Fruits—Continued.		Page	Grapefruit—Continued.		Page
dried—			exports—		
consumption, 1929-47.....	226		crop years, 1929-46.....	192	
consumption per capita, 1929-47.....	226		destination, fiscal years, 1945-46.....	493	
exports, destination, fiscal years, 1945-46.....	493-495		fiscal years, 1934-46.....	480	
exports, fiscal years, 1934-46.....	480		foreign production, 1930-39, 1942-47.....	195	
foreign production, 1930-39, 1942-47.....	223		imports, crop years, 1929-46.....	192	
production, 1929-47.....	224		juice, canned—		
exports—			exports, destination, fiscal years, 1945-46.....	497, 498	
destination, fiscal years, 1945-46.....	492-498		exports, fiscal years, 1938-47.....	196	
fiscal years, 1934-46.....	480		pack, crop years, 1928-47.....	196, 222	
index numbers, fiscal years, 1929-46.....	478		receipts from Puerto Rico, crop years, 1930-47.....	196, 222	
for processing, prices, 1935-39, 1943-47.....	227		prices—		
fresh, inspection, crop years, 1938-47.....	286		farm, 1929-47.....	191, 192	
frozen—			market, 1938-47.....	197	
consumption, 1929-47.....	226		production, 1929-47.....	172, 191, 192, 195	
consumption per capita, 1929-47.....	226		quantities processed, 1929-47.....	192	
pack, 1925-47.....	224, 225		receipts from Puerto Rico, 1929-45.....	192	
imports—			value, 1929-47.....	192	
fiscal years, 1934-46.....	483		See also Citrus fruits.		
origin, fiscal years, 1945-46.....	520, 521		Grapes—		
prices, farm, 1935-39, 1943-47.....	221, 227		annual shipments, 1938-47.....	220	
processed, inspection, crop years, 1939-47.....	286		canned, exports—		
production, 1929-47.....	172		crop years, 1940-46.....	200	
unloads at markets, 1938-47.....	284, 285		destination, fiscal years, 1945-46.....	496	
See also under specific kinds.			dried, production, 1929-47.....	224	
Fungicides, prices, wholesale, 1938-47.....	613		exports—		
Garbanzos, dry edible, production, 1930-47.....	316, 317		destination, fiscal years, 1945-46.....	492	
Garlic—			fiscal years, 1929-46.....	200, 480	
acreage, production, and farm price, 1932-47.....	251, 252		farm disposition, 1938-47.....	202	
yield and value, 1932-47.....	251		imports—		
Glucose, exports, fiscal years, 1934-46.....	482		fiscal years, 1929-46.....	200	
Glycerine prices, 1935-47.....	169		origin, fiscal years, 1945-46.....	520	
Goals, agricultural, 1937-48.....	554, 555		packages sold, 1942-47.....	203	
Goat skins, imports—			prices—		
fiscal years, 1934-46.....	483		farm, 1929-47.....	200, 201	
origin, fiscal years, 1945-46.....	517		market, 1942-47.....	203	
Goats—			production, 1929-47.....	172, 200-203	
Angora, hair, imports, origin, fiscal years, 1945-46.....	518		utilization, 1938-47.....	202, 203	
numbers clipped and average clip, 1930-47.....	383, 384		value, 1929-47.....	200	
slaughtered under Federal inspection, 1938-47.....	391		Grazing on national forests, number of stock and receipts, fiscal years, 1929-47.....	705	
Government payments—			Greens, annual shipments, 1938-47.....	279	
to landlords, 1933-48.....	598		Guayule, imports—		
total, 1933-47.....	590, 594, 595		fiscal years, 1934-46.....	485	
Grain—			origin, fiscal years, 1945-46.....	524	
exports, fiscal years, 1934-46.....	481		Gums—		
products—			crude, imports, fiscal years, 1934-46.....	485	
consumption, 1929-47.....	72		imports, origin, fiscal years, 1945-46.....	524, 525	
consumption per capita, 1929-47.....	72		Gutta balata, imports, origin, fiscal years, 1945-46.....	525	
exports, destination, fiscal years, 1945-46.....	498-502		Gutta percha, imports, origin, fiscal years, 1945-46.....	525	
imports, index numbers, fiscal years, 1929-46.....	479		Hams, exports—		
origin, fiscal years, 1945-46.....	521		destination, fiscal years, 1945-46.....	489	
sorghums, exports, destination, fiscal years, 1945-46.....	501		fiscal years, 1934-46.....	480	
Grains—			Hardwoods—		
consumption—			eastern, saw timber volume, 1945.....	693	
1929-47.....	72		production and prices, 1929-47.....	708	
per capita, 1929-47.....	72		Harvesting methods, corn, 1938, 1943, 1946.....	538	
exports—			Hawaii, trade with continental U. S., value, crop years, 1929-46.....	478	
destination, fiscal years, 1945-46.....	498-502		Hay—		
index numbers, fiscal years, 1929-46.....	478		acreage, 1929-47.....	296-300, 558, 560	
feed—			exports, 1929-47.....	296	
acreage, 1929-47.....	558		imports, 1929-47.....	296	
prices, market, 1937-47.....	76		prices—		
food, acreage, 1929-47.....	558		farm, 1929-47.....	296, 300, 301	
imports—			market, crop years, 1938-47.....	301	
index numbers, fiscal years, 1929-46.....	479		production, 1929-47.....	296-300	
origin, fiscal years, 1945-46.....	521		value, 1929-47.....	296	
small, tractor power used, 1939, 1946.....	537		yield, 1929-47.....	296, 300	
statistics.....	7-78		Heifers—		
utilization in alcoholic products, 1938-47.....	30, 51, 70		milk—		
See also under specific kinds.			number on farms, 1930-48.....	336, 398-400	
Grants, non-real estate, Farmers Home Administration, 1938-48.....	657		value, Jan. 1, 1930-48.....	398, 399	
Grape juice, canned pack, crop years, 1928-47.....	222		number on farms, 1930-48.....	336	
Grapefruit—			slaughter under Federal inspection, 1938-47.....	346	
annual shipments, 1938-47.....	220		Hemp—		
canned—			fiber, acreage, yield, and production, 1931-47.....	327	
exports, destination, fiscal years, 1945-46.....	496		imports, origin, fiscal years, 1945-46.....	519	
fiscal years, 1930-47.....	190, 481		Hempseed, acreage, yield, and production, 1938-47.....	327	
pack, 1929-47.....	222				
pack, crop years, 1928-47.....	196				
receipts from Puerto Rico, crop years, 1928-47.....	196				



	Page		Page
Henequen, imports—		Income—Continued.	
fiscal years, 1934-46.....	483	cash, from—Continued.	
origin, fiscal years, 1945-46.....	520	chickens, 1930-47.....	440-444
Hens, number on farms, 1930-48.....	434, 435, 463-467	dairy products, 1930-47.....	411, 413, 414
Hides—		eggs, 1930-47.....	463-467
imports—		farming, 1929-47.....	590-595
fiscal years, 1934-46.....	483	hogs, 1930-47.....	354-356
index numbers, fiscal years, 1929-46.....	479	lamb, 1930-47.....	367-369
origin, fiscal years, 1945-46.....	516, 517	lard, 1930-47.....	354-356
prices at Chicago, 1938-47.....	391	mohair, 1930-47.....	383, 384
Hog casings, quantity graded, 1941-46.....	387	pork, 1930-47.....	354-356
Hog-corn ratios, 1927-47.....	52	sheep, 1930-47.....	367-369
Hogs—		turkeys, 1930-47.....	457-461
income from, cash and gross, 1930-47.....	354-356	veal, 1930-47.....	337-341
live weight and costs, fiscal years, 1938-47.....	358, 360	wool, 1930-47.....	376-378
marketings, 1930-47.....	354-356	cash, per farm, 1929-47.....	590
number—		farm, and resources and expenses.....	527-671
in specified countries, 1931-40, 1943-47.....	353, 354	gross, from—	
on farms, 1930-48.....	350, 351	broilers, 1934-47.....	445, 446
prices, farm, 1930-47.....	354	calves, 1930-47.....	337-341
production and disposition, 1930-47.....	354-356	cattle, 1930-47.....	337-341
receipts—		chickens, 1930-47.....	440-446
at interior markets, 1938-47.....	357	dairy products, 1930-47.....	411, 413, 414
at stockyards, 1938-47.....	357	eggs, 1930-47.....	463-467
shipments, 1930-47.....	354-356	farming, 1929-47.....	590
slaughter—		hogs, 1930-47.....	354-356
annual, 1930-47.....	357, 359	lamb, 1930-47.....	367-369
by States, 1946-47.....	359	sheep, 1930-47.....	367-369
farm, 1930-47.....	354-357	turkeys, 1930-47.....	457-461
under Federal inspection, 1930-47.....	357, 358, 391	gross, per farm, 1929-47.....	590
slaughtered, live weight, by States, 1947.....	359	national, 1929-47.....	597
value, Jan. 1, 1930-48.....	350, 351	net—	
value of production, 1930-47.....	354-356	farm, 1929-47.....	596, 597
See also Pigs; Sows.		persons on farms, comparison with income	
Honey—		to persons not on farms, 1929-47.....	596, 597
consumption, 1929-47.....	116	nonfarm population, 1929-47.....	596, 597
exports—		of industrial workers, index numbers, 1929-47.....	567
1929-47.....	116, 117	parity, ratio, 1929-47.....	597
destination, fiscal years, 1945-46.....	491, 492	per capita, farm and nonfarm—	
imports—		1929-47.....	597
1929-47.....	116, 117, 120	index numbers, 1929-47.....	597
origin, fiscal years, 1945-46.....	515	Index numbers—	
prices—		agricultural—	
market, 1938-47.....	120	exports, fiscal years, 1929-46.....	478
to producers, 1939-47.....	117, 119	imports, fiscal years, 1929-46.....	479
production, 1929-47.....	116-118	production, 1929-48.....	564-566
yield per colony of bees, 1939-47.....	117, 118	cotton exports, fiscal years, 1929-46.....	478
Hops—		crop production, 1929-48.....	564, 565
acreage, yield, and production, 1929-47.....	328	dairy products, imports, fiscal years, 1929-46.....	479
consumption by breweries, crop years, 1929-47.....	328	deposits in country banks, 1924-47.....	540
exports—		farm—	
crop years, 1929-47.....	328	output, 1929-47.....	566
destination, fiscal years, 1945-46.....	501, 502	production, 1929-47.....	566
fiscal years, 1934-46.....	482	real estate taxes, 1909-47.....	615-617
imports, crop years, 1929-47.....	328	real estate values, selected years, 1915-48.....	530
prices, farm, 1929-47.....	328	wage rates, 1929-47.....	549, 550
stocks on hand, 1929-47.....	328	fats, prices, 1941-47.....	170
value, 1929-47.....	328	feeds, imports, fiscal years, 1929-46.....	479
Horse—		fruit exports, fiscal years, 1929-46.....	478
hides, imports, origin, fiscal years, 1945-46.....	516	grain—	
meat—		exports, fiscal years, 1929-46.....	478
exports, destination, fiscal years, 1945-46.....	489	products, imports, fiscal years, 1929-46.....	479
quantity graded, 1946-47.....	387	grains, imports, fiscal years, 1929-46.....	479
Horses—		hides, imports, fiscal years, 1929-46.....	479
number on farms, 1930-48.....	392, 393	income—	
slaughtered under Federal inspection, 1938-47.....	391	of industrial workers, 1929-47.....	567
sleeping sickness, incidence and mortality, 1939-47.....	397	per capita, farm and nonfarm, 1929-47.....	597
value, Jan. 1, 1930-48.....	392, 393	industrial production in selected lines, 1929-47.....	567
Ice cream—		lard exports, fiscal years, 1929-46.....	478
consumption—		livestock—	
1929-47.....	427	and poultry on farms, 1867-1948.....	396
per capita, 1929-47.....	427	production, 1929-48.....	564, 565
disappearance, 1929-47.....	427	products, production, 1929-48.....	564, 565
production, 1939-46.....	423, 424	nutrients, consumption per capita, 1930-48.....	568
Imports—		oils—	
agricultural products. See Agricultural products, imports.		imports, fiscal years, 1929-46.....	479
principal agricultural products, origin, crop years, 1945-46.....	514-525	prices, 1941-47.....	170
See also Under specific crops.		oilseeds, imports, fiscal years, 1929-46.....	479
Income—		pork exports, fiscal years, 1929-46.....	478
cash, from—		prices—	
beef, 1930-47.....	337-341	consumers, 1929-47.....	588
calves, 1930-47.....	337-341	paid by farmers, 1929-47.....	585
cattle, 1930-47.....	337-341	received by farmers, 1929-46.....	584
		wholesale, 1929-47.....	589
		skins, imports, fiscal years, 1929-46.....	479
		sugar, imports, fiscal years, 1929-46.....	479



## Index numbers—Continued.

	Page		Page
tobacco—		Land—	
exports, fiscal years, 1929-46.....	478	use planned, Dec. 31, 1947.....	680
imports, fiscal years, 1929-46.....	470	utilization—	
wheat—		areas, acreage, by regions, 1947.....	701
exports, fiscal years, 1929-46.....	478	census years, 1880-1945.....	527
flour, exports, fiscal years, 1929-46.....	478	program, Soil Conservation Service, 1947.....	686
wool, imports, fiscal years, 1929-46.....	479	Land Bank Commissioner loans—	
Industrial production in selected lines, index		1933-47.....	634, 635
numbers, 1929-47.....	567	delinquent and/or extended, Jan. 1, 1945-48.....	650
Insecticides, prices, wholesale, 1938-47.....	663	number and amount made and outstanding,	
Insurance—		1947-48.....	646, 647
crop, 1939-47.....	625-629	Landlords, on farms and absentee—	
fire, farmers' mutual, 1929-45.....	623, 624	expenses, 1929-48.....	598
Istle, imports, origin, fiscal years, 1945-46.....	519	Government payments to, 1933-48.....	598
		rent payable to, 1929-48.....	598
Jelutong, imports—		Lard—	
fiscal years, 1934-46.....	485	cold-storage holdings, 1938-47.....	388
origin, fiscal years, 1945-46.....	525	consumption—	
Jute, imports—		1929-47.....	168, 361, 389
fiscal years, 1934-46.....	483	per capita, 1929-47.....	168, 361, 389
origin, fiscal years, 1945-46.....	519	exports—	
Kale—		1930-47.....	361
acreage, production, and farm price, 1929-47..	253	destination, fiscal years, 1945-46.....	491
yield and value, 1929-47.....	253	fiscal years, 1934-46.....	480
Kangaroo skins, imports, origin, fiscal years,		index numbers, fiscal years, 1929-46.....	478
1945-46.....	517	factory consumption and disappearance, 1945-	
Kapok, imports, origin, fiscal years, 1945-46.....	519	47.....	164
Kid skins, imports—		futures—	
fiscal years, 1934-46.....	483	prices, 1938-47.....	361
origin, fiscal years, 1945-46.....	517	trading, 1938-47.....	361
Kip skins, imports, origin, fiscal years, 1945-46.....	516	imports, 1930-47.....	361
		income from, cash and gross, 1930-47.....	354-355
Labor—		prices, wholesale, 1938-47.....	360
farm—		production, 1929-47.....	361, 389
foreign, employment, 1946-47.....	549	quantity graded, 1938-47.....	387
program conducted by State extension		shipments to Territories, 1930-47.....	361
services, 1947.....	548	stocks, 1930-47.....	361
return per hour, 1930-47.....	550	Legumes, acreage, 1929-47.....	558, 560
used per farm, 1930-47.....	550	Lemon juice, canned, pack, crop years, 1934-	
required on farms, in terms of man-hours, 1910-		47.....	197, 222
47.....	607	Lemons—	
See also Employment; Workers.		annual shipments, 1938-47.....	220
Lactarene, imports, origin, fiscal years, 1945-46.....	515	exports—	
Lamb—		crop years, 1929-46.....	192
carcasses, prices, wholesale, 1938-47.....	375	destination, fiscal years, 1945-46.....	493
consumption—		fiscal years, 1934-46.....	480
1929-47.....	389	foreign production, 1930-39, 1942-47.....	195
per capita, 1929-47.....	389	imports—	
exports, destination, fiscal years, 1945-46.....	489	crop years, 1929-47.....	192
imports, inspected and passed, 1938-44, 1946.....	385	fiscal years, 1934-46.....	484
production, 1929-47.....	386, 389	origin, fiscal years, 1945-46.....	520
quantity graded, 1938-47.....	387, 388	prices—	
skins, imports, origin, fiscal years, 1945-46.....	516	farm, 1929-47.....	191, 192
world production, 1934-38, 1946-47.....	386	market, 1938-47.....	197
See also Meat; Mutton.		production, 1929-47.....	172, 191, 192, 195
Lambs—		quantities processed, 1929-47.....	192
feeder and stocker, shipments into 8 North		value, 1929-47.....	192
Central States, 1943-47.....	371	See also Citrus fruits.	
live weight and costs, 1938-47.....	373	Lepedeza seed—	
marketings, 1930-47.....	367-369	acreage, yield, and production, 1929-47.....	303, 305
number—		prices, farm, 1929-47.....	303, 305
on farms, 1930-48.....	362, 363	value, 1929-47.....	303
on feed, 1930-48.....	362, 364	Lettuce—	
shorn for wool, 1930-47.....	376-378	acreage, production, and farm price, 1929-47.....	254, 255
prices—		annual shipments, 1938-47.....	279
farm, 1930-47.....	367	yield and value, 1929-47.....	255
market, 1938-47.....	375	Level-of-living indexes, farm, family, 1940,	
production, disposition, and income, 1930-		1945.....	601, 602
47.....	367-369	Lime—	
receipts at public stockyards, 1938-47.....	370	bought, cost to farm operators, 1929-47.....	606
shipments, number and costs, 1930-47.....	367-369	sales and value, 1944-46.....	608
slaughter—		Limes—	
annual, 1930-47.....	371, 374	imports, fiscal years, 1929-46.....	193, 484
by States, 1946-47.....	374	prices, farm, 1929-47.....	191, 193
farm, 1930-47.....	367-369, 371	production, 1929-47.....	172, 191, 193
under Federal inspection, 1930-47.....	371-373	quantities processed, 1941-47.....	193
slaughtered—		value, 1929-47.....	193
for home consumption, value, 1930-47.....	367-369	See also Citrus fruits.	
live weight, by States, 1947.....	374	Liming materials, consumption on farms, 1943-	
value—		47.....	609
Jan. 1, 1930-48.....	362-364	Linseed—	
of production, 1930-47.....	367-369	cake—	
See also Livestock; Sheep.		exports, destination, fiscal years, 1945-46.....	501
		exports, fiscal years, 1934-47.....	142, 482
		imports, fiscal years, 1938-47.....	142
		production, crop years, 1938-47.....	142

Linseed—Continued.	Page	Loans—Continued.	Page
meal—		rural rehabilitation—	
exports, destination, fiscal years, 1945-46.....	501	1934-48.....	636-641
exports, fiscal years, 1934-47.....	142, 482	Farmers Home Administration, 1935-48.....	641, 657-659
imports, fiscal years, 1938-47.....	142	to cooperatives, 1929-48.....	636-641, 652, 657
prices, market, 1938-47.....	142	<i>See also</i> under specific type of commodity.	
production, crop years, 1938-47.....	142	Locker plants, frozen-food, number, capacity, patronage, and use, 1946-47.....	726
oil—		Loganberries, canned, exports, destination, fiscal years, 1945-46.....	496
exports, destination, fiscal years, 1945-46.....	504	Lumber—	
exports, fiscal years, 1934-47.....	142, 481	prices, annual, 1929-47.....	708
factory consumption and disappearance, 1945-47.....	165	production, annual, 1929-47.....	708, 709
imports, fiscal years, 1934-47.....	142, 484		
imports, origin, fiscal years, 1945-46.....	523	Machinery, farm—	
prices, market, crop years, 1938-47.....	142	shipments, 1929-47.....	533, 535
production, crop years, 1938-47.....	142	units manufactured, 1929-47.....	534
<i>See also</i> Flax; Flaxseed.		value, 1929-48.....	532
Linters. <i>See</i> Cotton linters.		<i>See also</i> Farm equipment; Tractors.	
Livestock—		Manila fiber, imports—	
bought, cost to farm operators, 1929-47.....	606	fiscal years, 1934-46.....	483
goals, 1937-48.....	555	origin, fiscal years, 1945-46.....	519
grazed on national forests, and receipts, fiscal years, 1929-47.....	705	Manure spreaders, use in farming, 1939, 1946.....	536, 537
number on farms, 1937-48.....	532	Maple—	
on farms, index numbers, 1867-1948.....	396	sirup. <i>See</i> Sirup, maple.	
production—		sugar. <i>See</i> Sugar, maple.	
1936-47.....	563	trees tapped, 1929-47.....	115
index numbers, 1929-48.....	564, 565	Margarine. <i>See</i> Oleomargarine.	
products—		Marine mammal oils, factory consumption and disappearance, 1945-47.....	164
goals, 1937-48.....	555	Marketing—	
production and value, 1936-47.....	563	associations, membership and business, 1936- 46.....	569, 570
production, index numbers, 1929-48.....	564, 565	charges for farm food products, 1921-47.....	582, 583
slaughtered under Federal inspection, 1938-47.....	391	Marketings, farm, cash receipts, 1929-47.....	590
value—		Meal. <i>See</i> under specific kinds.	
of production, 1936-47.....	563	Measures—	
<i>See also</i> under specific kinds.		equivalent weights.....	4-5
Loans—		tables, explanation.....	3
agricultural, Federal and other agencies, 1929- 48.....	636-643	Meat—	
Agricultural Marketing Act revolving fund, 1930-48.....	636-641	by products, quantities graded, 1938-47.....	387
banks for cooperatives, 1934-48.....	636-641	food products—	
Commodity Credit Corporation—		imported, inspected, and passed, 1938-47.....	385
1933-47.....	666-671	prepared and processed under Federal in- spection, 1941-47.....	385
fiscal year, 1948.....	671	Imports, inspected and passed, 1938-47.....	385
emergency crop and feed, 1929-48.....	636-639, 657-659	prepared and processed under Federal inspec- tion, 1941-47.....	385
farm—		quantities graded, 1938-47.....	387, 388
real estate, of insured commercial banks, 1946-48.....	642	trade, international, 1934-38, 1946-47.....	390
under Veterans Administration, 1945-47.....	660	<i>See also</i> under specific kinds.	
Farm Credit Administration, 1929-48.....	636-641	Meats—	
farmers' cooperative organization, 1934-48.....	641, 644, 645	canned, quantity graded, 1941-46.....	387
Federal land bank—		consumption—	
1917-47.....	634, 635	1929-47.....	389
amount outstanding, Jan. 1, 1947-48.....	646-648	per capita, 1929-47.....	389
number and amount made and outstanding, 1947-48.....	646-648	cured—	
number delinquent and/or extended, Jan. 1, 1945-48.....	650	cold-storage holdings, 1938-47.....	388
insured commercial banks, 1910-47.....	634, 635	quantity graded, 1938-47.....	387
Land Bank Commissioner—		exports, destination, fiscal years, 1945-46.....	488-491
1933-47.....	634, 635	frozen—	
number and amount made and outstanding, 1947-48.....	646, 647	cold-storage holdings, 1938-47.....	388
number delinquent and/or extended, Jan. 1, 1945-48.....	650	quantity graded, 1938-47.....	387
non-real estate, 1938-48.....	657	production, 1929-47.....	386, 389
personal and collateral, of insured commercial banks, 1946-48.....	642	world production, 1934-38, 1946-47.....	386
production and subsistence, Farmers Home Administration, 1946-48.....	636-641, 657-659	Melons—	
production credit associations, 1935-48.....	636-641, 651	consumption, 1929-47.....	280
rates, selected series, 1929-47.....	622	per capita, 1929-47.....	280
real estate, Farmers Home Administration, 1938-48.....	634-656	Honey Ball—	
Regional Agricultural Credit Corporation—		acreage, production, and farm price, 1929-47.....	252
1932-48.....	636-641, 653	yield and value, 1929-47.....	252
outstanding, Jan. 1, 1947 and 1948.....	653	Honey Dew—	
Rural Electrification Administration, 1935-48.....	636-641, 662-665	acreage, production, and farm price, 1929-47.....	253
		yield and value, 1929-47.....	253
		<i>See also</i> Cantaloups; Muskmelons; Water- melons.	
		Milk—	
		condensed—	
		consumption, 1929-47.....	426
		consumption per capita, 1929-47.....	426
		disappearance, 1929-47.....	426
		exports, destination, fiscal years, 1945-46.....	486, 487
		exports, fiscal years, 1934-46.....	480
		prices, 1938-47.....	429
		production, 1939-46.....	424, 429

Milk—Continued.	Page	Motor—Continued.	Page
condensed—Continued.		fuel—Continued.	
stocks, manufacturers, 1938-47.....	425	taxes, paid by farmers, 1929-47.....	615
stocks on hand, Jan. 1, 1930-48.....	425	vehicle registrations and imposts, 1929-47....	618-620
consumption—		vehicles, cost of operation, 1929-47.....	606
1929-47.....	405, 407, 409, 411, 413-415, 426	Motortrucks, number on farms, 1929-48.....	533
per capita, 1929-47.....	426	Mules—	
disappearance, 1929-47.....	426	number on farms, 1930-48.....	392, 394
dried whole, exports—		sleeping sickness, incidence and mortality,	
destination, fiscal years, 1945-46.....	487	1930-47.....	397
fiscal years, 1934-46.....	480	value, Jan. 1, 1930-48.....	392, 394
dry—		Muskmelons—	
consumption, 1929-47.....	426	annual shipments, 1938-47.....	279
consumption per capita, 1929-47.....	426	See also Cantaloups' Melons.	
disappearance, 1929-47.....	426	Mustard seed, production and imports, 1936-47..	310
prices, 1938-47.....	429	Mutton—	
production, 1939-46.....	424, 429	consumption—	
stocks on hand, Jan. 1, 1930-48.....	425	1929-47.....	389
whole, stocks, manufacturers, 1938-47.....	425	per capita, 1929-47.....	389
evaporated—		exports, destination, fiscal years, 1945-46....	489
consumption, 1929-47.....	426	imports, inspected and passed, 1938-44, 1946..	385
consumption per capita, 1929-47.....	426	production, 1929-47.....	386, 389
disappearance, 1929-47.....	426	quantity graded, 1940-47.....	387, 388
exports, destination, fiscal years, 1945-46....	487	world production, 1934-38, 1946-47.....	386
exports, fiscal years, 1934-46.....	480		
prices, 1938-47.....	429	National forest—	
production, 1939-46.....	423, 424	fires, fiscal years, 1929-47.....	702
stocks, manufacturers', 1938-47.....	425	receipts—	
stocks on hand, Jan. 1, 1930-48.....	425	cash, fiscal years, 1929-47.....	706
imports, fiscal years, 1934-46.....	483	payments to States and Territories, fiscal	
market receipts, 1938-47.....	420, 421	years, 1946-48.....	706
marketing programs, 1946-47.....	419	roads, construction and betterment, mileage	
nonfat dried solids, exports, fiscal years, 1934-		and expenditures, 1947.....	700
46.....	480	trails, construction and betterment, mileage	
payments to producers, 1943-46.....	416	and expenditures, 1947.....	700
prices—		National forests—	
blend, 1946-47.....	419	areas, acreage, by regions, 1947.....	701
farm, 1930-47.....	403, 410, 412, 414, 415, 417	fishing waters, by States, 1941-47.....	707
market, 1938-47.....	418, 419	forest products, value, fiscal years, 1929-47...	703
retail, 1930-47.....	410, 412, 414, 418	hunter-fisherman use and crop kill, by States,	
producers, number, 1946-47.....	419	1941-47.....	697
production—		recreation resources, utilization, 1946.....	698, 699
1941-47.....	415	stock grazed on, and receipts, fiscal years, 1929-	
feed cost, and value per cow, 1946.....	401	47.....	705
on farms, 1930-47.....	404, 406, 408	timber cut, fiscal years, 1929-47.....	703
sales from farms, 1930-47.....	405, 407, 409-414	National Poultry Improvement Plan, chicken	
solids—		participation, 1935-47.....	437, 438
dry—		National Turkey Improvement Plan, partici-	
consumption, 1935-47.....	427	pation, 1943-47.....	455
consumption per capita, 1935-47.....	427	Naval stores—	
disappearance, 1929-47.....	427	gun—	
prices, 1938-47.....	429	prices, market, crop years, 1932-47.....	711
production, 1939-46.....	423, 424	value, 1932-47.....	711
stocks on hand, Jan. 1, 1930-48.....	425	See also Rosin; Turpentine.	
nonfat, dry, exports, destination, fiscal		Neat's-foot oil, factory consumption and disap-	
years, 1945-46.....	487, 488	pearance, 1945-47.....	166
nonfat dry, stocks, manufacturers, 1938-47.....	425	Nitrogen in commercial fertilizers, 1929-47.....	610-613
utilization, 1930-47.....	405, 407, 409-415	Nutrients available for human consumption—	
value, 1930-47.....	410-414	per capita per day, 1930-48.....	568
Milk-feed price ratio, 1927-47.....	404	per capita per day, index numbers, 1930-48....	568
Mill products, disappearance, 1937-47.....	77	Nuts—	
Mohair—		exports, destination, fiscal years, 1945-46....	502, 503
imports, origin, fiscal years, 1945-46.....	518	imports—	
income, cash, 1930-47.....	383, 384	fiscal years, 1934-46.....	484
prices, farm, 1930-47.....	383, 384	origin, fiscal years, 1945-46.....	521, 522
production, 1930-47.....	383, 384	statistics, 1929-47.....	287-291
Molasses—		tree—	
imports, fiscal years, 1934-46.....	485	commercial production in foreign countries,	
production—		1930-39, 1942-47.....	291
Cuba, 1939-48.....	104	supply and distribution, 1909-48.....	292
imports, exports, and consumption, 1929-47..	116	See also under specific kinds.	
Philippine Islands, 1938-47.....	104		
Puerto Rico, 1939-48.....	104	Oatmeal—	
United States, 1929-47.....	101, 102	consumption per capita, 1929-47.....	72
Mortgage—		exports, destination, fiscal years, 1945-46....	499, 500
farm—		Oats—	
debt, 1929-48.....	630-635	acreage, 1929-47.....	56-59, 556, 558, 560
debt, interest, 1929-48.....	621	consumption, 1929-47.....	72
interest, 1929-47.....	606	exports—	
Mortgaged farms, by tenure and States, 1945..	632	destination, fiscal years, 1945-46.....	499
Mortgages, farm—		fiscal years, 1929-47.....	56, 62, 481
outstanding, 1947-48.....	648, 649	farm disposition, 1938-47.....	60
recorded, 1910-47.....	634, 635	futures—	
Motor—		open contracts, crop years, 1938-47.....	64
fuel—		trading, crop years, 1938-47.....	64
consumption, 1929-47.....	618-620		
taxes, 1929-47.....	615, 618-620		

Oats—Continued.	Page	Olive oil—Continued.	Page
imports—		factory consumption and disappearance, 1945-47.....	165
fiscal years, 1929-47.....	56, 62	imports—	
origin, fiscal years, 1945-46.....	521	fiscal years, 1929-46.....	204, 484
prices—		origin, fiscal years, 1945-46.....	523
farm, 1929-47.....	56, 57	Olive-oil foots, factory consumption and disappearance, 1945-47.....	165
market, crop years, 1929-47.....	56	Olives—	
production—		canned pack, 1929-47.....	222
1929-47.....	56-60	imports—	
costs, 1938-46.....	63, 605	fiscal years, 1929-46.....	204, 484
receipts, crop years, 1937-46.....	61	origin, fiscal years, 1945-46.....	520
stocks on and off farms, crop years, 1938-47.....	61	prices, farm, 1929-47.....	204
supply and distribution, crop years, 1939-48.....	62	production, 1929-47.....	172, 204
value, 1929-47.....	56	utilization, 1929-47.....	204
yield, 1929-47.....	56, 58, 59	value, 1929-47.....	204
Oil—		Onions—	
cake—		acreage and production, 1929-47.....	255, 256
imports, origin, fiscal years, 1945-46.....	521	annual shipments, 1938-47.....	279
meal, imports, origin, fiscal years, 1945-46.....	521	exports—	
<i>See also under specific kinds.</i>		destination, fiscal years, 1945-46.....	508
products—		fiscal years, 1929-46.....	255
consumption, 1931-47.....	168	imports—	
consumption per capita, 1931-47.....	168	fiscal years, 1929-46.....	255, 485
Oils—		origin, fiscal years, 1945-46.....	524
animal, production, stocks, and disappearance, 1938-47.....	160, 161	prices, farm, 1929-47.....	255, 256
consumption—		yield and value, 1929-47.....	255
1931-47.....	168	Orange—	
in drying-oil industries, 1938-47.....	162	and grapefruit, blended juices, canned, pack, crop years, 1935-47.....	197
per capita, 1931-47.....	168	juice, canned—	
exports—		exports, destination, fiscal years, 1945-46.....	498
1938-47.....	160, 161	pack, crop years, 1929-47.....	197, 222
destination, fiscal years, 1945-46.....	491, 503, 504	Oranges—	
factory consumption and disappearance, 1945-47.....	164-167	annual shipments, 1938-47.....	220
foreign trade, 1938-47.....	160, 161	exports—	
imports—		crop years, 1929-46.....	192
1938-47.....	160, 161	destination, fiscal years, 1945-46.....	493
origin, fiscal years, 1945-46.....	523	fiscal years, 1934-46.....	480
prices—		foreign production, 1930-39, 1942-47.....	194
1935-47.....	169	imports, crop years, 1929-46.....	192
index numbers, 1941-47.....	170	prices—	
use in products for civilian consumption, 1931-47.....	168	farm, 1929-47.....	191, 192
used in manufacture of—		market, 1938-47.....	197
shortening, 1940-47.....	169	production, 1929-47.....	172, 191, 192, 194
soap, 1940-47.....	163	quantities processed, 1929-47.....	192
vegetable—		receipts from Puerto Rico, fiscal years, 1929-39.....	192
exports, fiscal years, 1934-46.....	481	value, 1929-47.....	192
factory consumption and disappearance, 1945-47.....	167	<i>See also Citrus fruits.</i>	
imports, fiscal years, 1934-46.....	484	Palm—	
imports, index numbers, fiscal years, 1929-46.....	479	kernel oil—	
<i>See also Fats; Shortening; and under specific kinds.</i>		factory consumption and disappearance, 1945-47.....	166
Oilseed—		imports, fiscal years, 1934-46.....	484
cake, disappearance, crop years, 1937-47.....	77	nuts, imports, fiscal years, 1934-46.....	484
meal, disappearance, crop years, 1937-47.....	77	oil—	
Oilseeds, imports—		factory consumption and disappearance, 1945-47.....	166
fiscal years, 1934-46.....	484	imports, fiscal years, 1934-46.....	484
index numbers, fiscal years, 1929-46.....	479	imports, origin, fiscal years, 1945-46.....	523
origin, fiscal years, 1945-46.....	522	Paper—	
Oil-tica oil—		consumption per capita, annual, 1929-47.....	708
factory consumption and disappearance, 1945-47.....	165	production and consumption, annual, 1929-47.....	708
imports, origin, fiscal years, 1945-46.....	523	Paperboard—	
Oleo oil—		consumption per capita, annual, 1929-47.....	708
exports, destination, fiscal years, 1945-46.....	491	production and consumption, annual, 1929-47.....	708
factory consumption and disappearance, 1945-47.....	165	Parity—	
quantity graded, 1941-47.....	387	income ratio, 1929-47.....	597
Oleomargarine—		prices, farm products, 1935-39, 1945-47, comparison with actual farm prices.....	577-581
consumption—		Pasture, condition—	
1931-47.....	168	first of month, May-October, 1926-47.....	301
per capita, 1931-47.....	158, 168	June and September, 1936-47.....	302
exports, destination, fiscal years, 1945-46.....	491	Payments, Government—	
manufacture, materials used, 1943-47.....	157	to landlords, 1933-48.....	598
prices, market, 1938-47.....	157	total, 1933-47.....	590, 594, 595
production, 1938-47.....	158	Peaches—	
quantity graded, 1941-47.....	387	annual shipments, 1938-47.....	220
withdrawals and domestic disappearance, 1938-47.....	158	canned—	
Oleostearine, factory consumption and disappearance, 1945-47.....	165	exports, destination, fiscal years, 1945-46.....	496
Olive oil—		exports, fiscal years, 1934-46.....	205, 481
edible, production in specified countries, 1931-48.....	143	pack, 1929-47.....	222

Peaches—Continued.	Page	Peas—Continued. dry—Continued.	Page
dried—		field—	
exports, destination, fiscal years, 1945-46.....	494	acreage, 1929-47.....	321-323, 556, 558, 560
exports, fiscal years, 1929-46.....	205, 480	prices, farm, 1933-47.....	321, 322
production, 1929-47.....	224	production, 1929-47.....	321-324
exports, fiscal years, 1929-46.....	205, 480	value, 1933-47.....	321
farm disposition, 1938-47.....	207	yield, 1929-47.....	321-323
prices, farm, 1929-47.....	205, 206	green—	
production, 1929-47.....	172, 205-207	acreage and production, 1929-47.....	257, 258
utilization, 1938-47.....	207	annual shipments, 1938-47.....	279
value, 1929-47.....	205	imports, origin, fiscal years, 1945-46.....	524
Peanut—		prices, farm, 1929-47.....	257, 258
cake—		yield and value, 1929-47.....	257
disappearance, crop years, 1938-46.....	147	Pecans—	
imports, crop years, 1938-46.....	147	exports—	
production, crop years, 1938-46.....	147	1933-47.....	288
meal—		destination, fiscal years, 1945-46.....	502
disappearance, crop years, 1938-46.....	147	imports, 1929-47.....	288
imports, crop years, 1938-46.....	147	production and prices, 1929-47.....	288, 289
prices, market, crop years, 1938-47.....	148	value, 1929-47.....	288
production, crop years, 1938-46.....	147	Pepper, imports, origin, fiscal years, 1945-46.....	523
oil—		Peppermint—	
disappearance, crop years, 1938-46.....	147	acreage, production, and farm prices, 1929-47.....	329
exports, crop years, 1938-46.....	147	yield and farm value, 1929-47.....	329
exports, fiscal years, 1934-46.....	481	Peppers—	
factory consumption and disappearance, 1945-47.....	166	annual shipments, 1938-47.....	279
imports—		green—	
crop years, 1938-46.....	147	acreage, production, and prices, 1929-47.....	259
fiscal years, 1934-46.....	484	imports, origin, fiscal years, 1945-46.....	524
origin, fiscal years, 1945-46.....	523	yield and value, 1929-47.....	259
prices, market, crop years, 1938-47.....	148	Perilla oil—	
production, crop years, 1938-46.....	147	factory consumption and disappearance, 1945-47.....	166
stock, disappearance, 1938-46.....	147	imports—	
products, stocks on hand, 1938-47.....	147	fiscal years, 1934-46.....	484
Peanuts—		origin, fiscal years, 1945-46.....	523
acreage, 1929-47.....	143-146, 558, 560	Phosphate rock, sales and value, 1944-46.....	608
cleaned and shelled, crop years, 1938-46.....	148	Phosphoric oxide in commercial fertilizers, 1929-47.....	610-613
crushed, crop years, 1938-46.....	147	Pickles, canned pack, 1929-47.....	281
exports—		Pig crop, 1930-47.....	350, 352
destination, fiscal years, 1945-46.....	502	Pigs—	
fiscal years, 1929-46.....	143	number on farms, 1930-48.....	350, 351
farm disposition, 1938-47.....	147	saved, spring and fall, 1930-48.....	350, 352
imports—		<i>See also Hogs; Sows.</i>	
fiscal years, 1929-46.....	143, 484	Pimentos—	
origin, fiscal years, 1945-46.....	522	acreage, production, and prices, 1929-47.....	260
mill consumption, crop years, 1938-46.....	148	canned pack, 1929-47.....	281
prices—		yield and value, 1929-47.....	260
farm, 1929-47.....	143, 146	Pineapple—	
market, crop years, 1937-46.....	149	canned pack, 1929-47.....	222
production, 1929-47.....	143-147	juice—	
stocks on hand, 1938-47.....	147	canned, exports, destination, fiscal years, 1945-46.....	498
value, 1929-47.....	143	exports, 1939-47.....	214
yield, 1929-47.....	143, 146	receipts from Hawaii, 1933-47.....	214, 222
Pears—		Pineapples—	
annual shipments, 1938-47.....	220	canned—	
canned—		exports—	
exports, destination, fiscal years, 1945-46.....	496, 497	1929-47.....	214
exports, fiscal years, 1929-46.....	208, 481	destination, fiscal years, 1945-46.....	497
pack, 1929-47.....	222	fiscal years, 1934-46.....	481
dried—		receipts from Hawaii, 1929-47.....	214
exports, destination, fiscal years, 1945-46.....	494	exports, 1929-47.....	214
exports, fiscal years, 1929-46.....	208, 480	imports—	
production, 1929-47.....	224	1929-47.....	214
exports—		origin, fiscal years, 1945-46.....	521
destination, fiscal years, 1945-46.....	492, 493	production, farm price, and value, 1929-47.....	214
fiscal years, 1929-46.....	208, 480	receipts from Hawaii and Puerto Rico, 1929-47.....	214
farm disposition, 1938-47.....	211, 212	Pistache nuts, imports, origin, fiscal years, 1945-46.....	522
imports—		Plant food—	
fiscal years, 1930-46.....	208	consumption, 1929-47.....	610-612
origin, fiscal years, 1945-46.....	520	sources in commercially mixed fertilizers, selected years, 1929-47.....	613
prices—		<i>See also Fertilizers.</i>	
farm, 1929-47.....	208, 209	Plums—	
market, crop years, 1938-47.....	213	annual shipments, 1938-47.....	220
production, 1929-47.....	172, 208-212	canned—	
utilization, 1938-47.....	211, 212	exports, destination, fiscal years, 1945-46.....	497
value, 1929-47.....	208	exports, fiscal years, 1929-46.....	217
Peas—		pack, 1929-47.....	222
canned—		exports, fiscal years, 1935-46.....	217
consumption, 1929-47.....	282	farm disposition, 1929-47.....	215
consumption per capita, 1929-47.....	282	imports, fiscal years, 1929-46.....	217
exports, destination, fiscal years, 1945-46.....	511		
pack, 1929-47.....	281		
dried, exports, destination, fiscal years, 1945-46.....	508		
dry—			
edible, world acreage, yield, and production, 1935-39, 1945-47.....	322, 323		

	Page		Page
Plums—Continued.		Poultry—Continued.	
prices, farm, 1929-47	215	dressed—	
production, 1929-47	172, 215	market receipts, 1938-47	450, 451
utilization, 1934-47	215	prices, market, 1938-47	452
value, 1929-47	215	quantity graded, 1938-47	472
Pontianak, imports		quantity inspected, 1930-47	450
fiscal years, 1934-46	485	live—	
origin, fiscal years, 1945-46	525	market receipts, 1938-47	449
Popcorn—		prices, market, 1938-47	449
acreage, yield, and production, 1929-47	330	products, cold-storage holdings, 1938-47	473
value and farm price, 1929-47	330	ration costs, 1937-47	448
Poppyseed, imports, fiscal years, 1934-46	484	statistics, 1930-48	434-473
Population—		See also Chickens; Chicks; Turkeys.	
civilian, urban and rural, by age and sex, 1940, 1945 and 1947	546	Poultry-feed price ratios, 1937-47	448
eating out of civilian food supplies, 1930-48—	546	Precipitation—	
farm—		monthly and annual, by States, 1947	720
1929-48	541, 597	selected points, by months, normal and 1947	714, 715
by States, Jan. 1, 1940-45	544	Price index, consumers', by groups and years, 1929-47	588
geographic divisions, 1940-48	642, 643	Prices—	
noninstitutional, 1940, 1944-48	545	alfalfa seed, 1929-47	302, 304, 309, 310
nonfarm, 1929-47	597	almonds, 1929-47	287
total, 1929-48	541	apples, 1929-47	173, 176, 179
Pork—		apricots, 1929-47	181
and beans, canned, exports, destination, fiscal years, 1945-46	510	artichokes, 1929-47	233
canned, exports—		asparagus, 1929-47	233, 234
destination, fiscal years, 1945-46	490	avocados, 1929-47	183
fiscal years, 1934-46	480	barley, 1929-47	64, 65, 71
consumption—		beans—	
1929-47	389	dry edible, 1929-47	315, 318, 320
per capita, 1929-47	389	lima, 1929-47	235, 236
cured, exports—		snap, 1929-47	236-238
fiscal years, 1934-46	480	beef, 1938-47	349
index numbers, fiscal years, 1929-46	478	beeswax, 1939-47	117, 119
exports—		beets, 1929-47	238, 239
destination, fiscal years, 1945-46	489	broilers, 1934-47	445, 446, 449
fiscal years, 1934-46	480	broomcorn, 1929-47	324
fat, rendered, factory consumption and disappearance, 1945-47	164	buckwheat, 1929-47	40, 41
imports inspected and passed, 1939-42, 1945-47	385	butter—	
income from, cash and gross, 1930-47	354-356	1930-47	410, 412, 414, 431, 432
pickled, exports, destination, fiscal years, 1945-46	490	futures, 1938-47	432
prices, wholesale, 1938-47	360	butterfat, 1930-47	403, 410, 412, 414
production, 1929-47	386, 389	cabbage, 1929-47	240-242
products, exports, fiscal years, 1934-46	480	calves, 1930-47	337, 348, 349
quantity graded, 1938-47	387	cantaloupes, 1929-47	243, 244
world production, 1934-38, 1946-47	386	carrots, 1929-47	244, 245
Potash in commercial fertilizers, 1929-47	610-613	casein, 1938-47	429
Potatoes—		cattle, 1930-47	387, 348, 349
acreage, 1929-47	261-264, 266-268, 556, 559, 560	cauliflower, 1929-47	245, 246
annual shipments, 1938-47	279	celery, 1929-47	246, 247
certified seed—		cheese, 1938-47	433
imports, fiscal years, 1934-46	485	cherries, 1929-47	186, 187
imports, origin, fiscal years, 1945-46	524	chickens, 1930-47	440-449, 452
production, 1936-47	265, 269	chicks, 1930-47	447, 448
consumption—		cigarettes, 1938-47	132
1929-47	280	cigars, 1938-47	132
per capita, 1929-47	280	citrus fruits, 1929-47	191-193, 197
exports—		clover seed, 1929-47	303-305, 309, 310
destination, fiscal years, 1945-46	509	corn—	
fiscal years, 1929-46	261	1929-47	43, 44, 54
farm disposition, 1937-47	260	futures, 1938-47	55
futures—		sweet, 1929-47	247, 248
open contracts, 1938-47	270	cotton—	
prices, 1938-47	270	1929-47	79, 80, 91-94
trading, crop years, 1938-47	270	linters, 1937-48	94
imports—		cottonseed—	
fiscal years, 1929-46	261, 485	1929-47	80, 135
origin, fiscal years, 1945-46	524	oil futures, crop years, 1938-47	137
prices—		products, 1938-47	137
farm, 1929-47	261-264	cowpeas, 1929-47	325, 326
market, 1929-47	261, 270	cows, 1938-47	348, 403
production, 1929-47	260-264, 266-268	cranberries, 1929-47	198
stocks, merchantable, 1937-47	260	cream, 1930-47	410, 412, 414, 421
value, 1929-47	261	cucumbers, 1929-47	248-250
yield, 1929-47	261-264, 266-268	dairy products, 1938-47	403, 429
Poultry—		dates, 1929-47	198
cold-storage holdings, 1938-47	473	eggplant, 1929-47	250, 251
on farms, index numbers, 1909-48	396	eggs, 1930-47	463-467, 470
consumption—		escarole, 1929-47	251
1929-47	473	farm—	
per capita, 1929-47	473	and parity prices, 1935-39, 1945-47	577-581
		See also under specific commodity.	
		farm-to-retail spread, 1921-47	582, 583
		fats, 1935-47	169
		feed grains, 1937-47	76
		feedstuffs, 1937-47	78
		figs, 1929-47	199



Prices—Continued.

	Page
alfalfa, 1929-47.....	288
flax fiber, 1938-47.....	94
flaxseed, 1929-47.....	138
food products, farm-to-retail spread, 1921-47.....	582, 583
fruits, 1935-39, 1943-47.....	221, 227
fungicides, 1938-47.....	613
garlic, 1932-47.....	251, 252
glycerine, 1935-47.....	191, 192, 197
grapefruit, 1929-47.....	200, 201, 203
grapes, 1929-47.....	711
gun naval stores, 1932-47.....	296, 300, 301
hay, 1929-47.....	391
hides, 1938-47.....	354
hogs, 1930-47.....	117, 119
honey, 1939-47.....	328
hops, 1929-47.....	613
insecticides, 1938-47.....	253
kale, 1929-47.....	375
lamb carcasses, 1938-47.....	367, 375
lamb, 1930-47.....	360
lard—	
1938-47.....	361
futures, 1938-47.....	191, 192, 197
lemons, 1929-47.....	303, 305, 309, 310
lespedeza seed, 1929-47.....	254, 255
lettuce, 1929-47.....	191, 193
limes, 1929-47.....	142
linseed oil and meal, 1938-47.....	708
lumber, annual, 1929-47.....	115
maple—	
sirup, 1929-47.....	115
sugar, 1929-47.....	252
melons—	
Honey Ball, 1929-47.....	253
Honey Dew, 1929-47.....	403, 410, 412, 414, 415, 417-419
milk—	
1930-47.....	419
blend, 1946-47.....	429
condensed, 1938-47.....	429
dry, 1938-47.....	429
evaporated, 1938-47.....	429
solids, dry, 1938-47.....	429
mohair, 1930-47.....	383, 384
oats, 1929-47.....	56, 57
oils, 1935-47.....	169
oleomargarine, 1938-47.....	157
olives, 1929-47.....	204
onions, 1929-47.....	255, 256
oranges, 1929-47.....	191, 192, 197
paid by farmers—	
for commodities—	
used for farm production, 1935-39, 1942-47.....	587
used in family living, 1935-39, 1942-47.....	586
index numbers, 1929-47.....	585
parity, farm products, 1925-39, 1945-47.....	577-581
peaches, 1929-47.....	205, 206
peanut—	
meal, 1938-47.....	148
oil, 1938-47.....	148
peanuts, 1929-47.....	143, 146, 148, 149
pears, 1929-47.....	208, 209, 213
peas—	
dry, field, 1933-47.....	321, 322
green, 1929-47.....	257, 258
pecans, 1929-47.....	288
peppermint, 1929-47.....	329
peppers, green, 1929-47.....	259
pimientos, 1929-47.....	260
pineapples, 1929-47.....	214
plums, 1929-47.....	215
popcorn, 1929-47.....	330
pork, 1938-47.....	360
potato futures, 1938-47.....	270
potatoes, 1929-47.....	261-264, 270
poultry, 1938-47.....	449, 452
prunes—	
1929-47.....	215-218
canned, 1929-47.....	218
dried, 1929-47.....	95
rayon, 1938-47.....	584
received by farmers, index numbers, 1929-47.....	34, 37
rice, 1929-47.....	711
rosin, 1932-47.....	
rye—	
1929-47.....	24, 25
futures, 1938-47.....	31

Prices—Continued.

	Page
seeds, field, 1929-47.....	309, 310
shallots, 1937-47.....	270
sheep, 1930-47.....	367, 375
shortening, 1938-47.....	158
silk, 1938-47.....	95
snuff, 1938-47.....	132
sorghum, 1929-47.....	73, 74, 76
sorgo sirup, 1929-47.....	114
soybean—	
meal, 1938-47.....	155
oil, 1938-47.....	155
soybeans, 1929-47.....	150, 151, 155
spearment, 1929-47.....	329
spinach, 1929-47.....	271, 272
steers, 1938-47.....	348, 349
strawberries, 1929-47.....	219
sugar, 1938-47.....	109
sugar beets, 1929-47.....	97, 100
sugarcane—	
1929-47.....	101-103
sirup, 1929-47.....	113
sweetclover seed, 1929-47.....	303, 305, 309, 310
sweetpotatoes, 1929-47.....	273
tangerines, 1936-47.....	191
timothy seed, 1929-47.....	303, 304, 309, 310
tobacco—	
1929-47.....	122-125, 128-130
products, 1938-47.....	132
tomatoes, 1929-47.....	275-277
tung nuts, 1939-47.....	156
turkeys, 1930-47.....	457-461
turpentine, 1932-47.....	711
velvetbeans, 1929-47.....	331
walnuts, Persian, 1929-47.....	290
watermelons, 1929-47.....	278
wheat—	
1929-47.....	7, 9, 10, 11, 22
flour, 1938-47.....	22
futures, 1938-47.....	23
wholesale, index numbers, 1929-47.....	589
wool, 1930-47.....	376-378, 381
Production—	
and subsistence loans, F. H. A., 1946-48.....	636-
costs—	
corn, 1946.....	604
cotton, 1946.....	603
oats, 1946.....	605
wheat, 1946.....	604
credit associations, loans, 1933-48.....	636-641, 651
Proteins, animal, disappearance, crop years, 1937-47.....	77
Prune juice, canned pack, crop years, 1934-47.....	222
Prunes—	
annual shipments, 1938-47.....	220
canned—	
exports, destination, fiscal years, 1945-46.....	497
exports, fiscal years, 1929-46.....	217
pack, 1929-47.....	222
quantity and farm price, 1929-47.....	218
value, 1929-47.....	218
dried—	
exports, destination, fiscal years, 1945-46.....	494
exports, fiscal years, 1929-46.....	217, 480
imports, fiscal years, 1929-46.....	217
production, 1929-47.....	224
quantity and farm price, 1929-47.....	218
value, 1929-47.....	218
exports, fiscal years, 1929-46.....	217
frozen, quantity, 1941-47.....	218
imports, fiscal years, 1929-46.....	217
prices, farm, 1929-47.....	215-218
production, 1929-47.....	172, 215-217
quantity and farm value, 1929-47.....	218
utilization, 1929-47.....	216, 218
value, 1929-47.....	217, 218
Puerto Rico, trade with continental U. S., value, crop years, 1929-46.....	478
Pullets, number on farms, 1930-48.....	434, 435, 463-467
Pulpwood consumption, annual, 1929-47.....	708
Pumpkin, canned pack, 1929-47.....	281
Purchasing associations, membership and business, 1936-46.....	569, 570
Rabies, number of cases and kind of animals affected, 1938-47.....	397



	Page		Page
Raisins—		Rural Electrification Administration—	
exports—		loans, 1935-48.....	636-641, 662-665
crop years, 1929-46.....	200	services, 1935-48.....	665
destination, fiscal years, 1945-46.....	494, 495	Rutabagas, annual shipments, 1938-47.....	279
fiscal years, 1934-46.....	480	Rye—	
imports, crop years, 1929-46.....	200	acreage, 1929-47.....	24-27, 558, 560
production, 1929-47.....	200, 224	consumption, 1929-47.....	72
Range—		exports—	
building practices—		destination, fiscal years, 1945-46.....	500
payments, 1946.....	673	fiscal years, 1929-47.....	24, 30, 481
under conservation program, 1938-46.....	674-677	farm disposition, 1938-47.....	28, 29
condition, first of month, May-October, 1926-47.....	301	flour, consumption per capita, 1929-47.....	72
Rapeseed—		futures—	
imports—		open contracts, 1938-47.....	31
fiscal years, 1934-46.....	484	prices, crop years, 1938-47.....	31
origin, fiscal years, 1945-46.....	522	trading, crop years, 1938-47.....	31
oil—		imports—	
factory consumption and disappearance, 1945-47.....	166	fiscal years, 1929-47.....	24, 30
imports, fiscal years, 1934-46.....	484	origin, fiscal years, 1945-46.....	521
imports, origin, fiscal years, 1945-46.....	523	prices—	
Rations, concentrate, value per 100 lbs. in cream and milk production, 1927-47.....	404	farm, 1929-47.....	24, 25
Rayon—		market, 1929-47.....	24
consumption—		production, 1929-47.....	24-29
1938-47.....	95	receipts, crop years, 1937-46.....	30
per capita, 1938-47.....	95	stocks on and off farms, 1938-47.....	30
production—		supply and distribution, crop years, 1939-47.....	30
imports, consumption, and prices, 1938-47.....	95	utilization in alcoholic products, 1939-47.....	30
in selected countries, 1938-47.....	96	value, 1929-47.....	24
Real estate, farm—		yield, 1929-47.....	24, 26, 27
lending-agency holdings, 1929-48.....	660	Sago—	
loans,—		flour, imports, origin, fiscal years, 1945-46.....	524
Farmers Home Administration, 1938-48.....	654-656	imports—	
of insured commercial banks, 1946-48.....	642	fiscal years, 1934-46.....	484
rent payable to landlords, 1929-48.....	598	origin, fiscal years, 1945-46.....	524
taxes—		Sauerkraut, canned pack, 1929-47.....	281
1909-47.....	615-617	Sausage—	
index numbers, 1909-47.....	615-617	canned, exports—	
value—		destination, fiscal years, 1945-46.....	490, 491
per acre, index numbers, selected years, 1915-48.....	530	fiscal years, 1934-46.....	480
selected years, 1850-1948.....	528, 529	casings, imports, origin, fiscal years, 1945-46.....	515
Refrigeration, warehouse space, biennially, 1925-47.....	725	imported, inspected, and passed, 1938-47.....	385
Regional agricultural credit corporation—		quantity graded, 1938-47.....	387
loans, 1932-48.....	636-641, 653	School—	
loans outstanding, Jan. 1, 1947 and 1948.....	653	lunch programs, quantity and costs, fiscal years, 1936-48.....	572
Rent, farm—		milk programs, Federal, 1940-43.....	572
1929-47.....	500, 598	Seeding rate for specified crops per acre, by States.....	314
real estate, payable to landlords, 1929-48.....	598	Seeds—	
Resources, farm, and income and expenses.....	527-671	agricultural, admitted under Federal Seed Act, fiscal years, 1945-47.....	307
Rice—		field—	
acreage, 1929-47.....	32-34, 556, 558, 560	prices, farm, 1929-47.....	309
consumption, 1929-47.....	72	prices, retail, 1938-47.....	310
disappearance, 1937-46.....	35	prices, wholesale, 1938-47.....	309
exports—		production, 1929-47.....	306
crop years, 1937-46.....	35-38	stocks on hand, 1942-47.....	308
destination, fiscal years, 1945-46.....	500	imports under Federal Seed Act, fiscal years, 1945-47.....	307, 313
fiscal years, 1934-46.....	481	vegetable. See Vegetable seeds.	
flour, imports, origin, fiscal years, 1945-46.....	521	winter cover-crop, production, 1938-47.....	306
imports, origin, fiscal years, 1945-46.....	521	See also under specific kinds.	
prices—		Sesame—	
farm, 1929-47.....	34	oil, factory consumption and disappearance, 1945-47.....	166
market, crop years, 1937-46.....	37	seed, imports—	
production, 1929-47.....	32-37	fiscal years, 1934-46.....	484
products, consumption per capita, 1929-47.....	72	origin, fiscal years, 1945-46.....	522
supply and distribution, 1937-46.....	35-37	Shallots—	
trade, international, 1936-40, 1946-47.....	38, 39	acreage, production, and prices, 1937-47.....	270
value, 1929-47.....	34	yield and value, 1937-47.....	270
yield, 1929-47.....	32-34	Sheep—	
Roads, national forests, construction and betterment, mileage and expenditures, 1947.....	700	feeder—	
Rosin—		and stocker shipments into 8 North Central States, 1943-47.....	371
consumption, 1935-47.....	710	shipments from public stockyards, 1940-47.....	372
prices, crop years, 1932-47.....	711	live weight and costs, 1938-47.....	373
supply and distribution, crop years, 1938-47.....	713	marketings, 1930-47.....	367-369
used in manufacture of soap, 1940-47.....	163	number—	
Rubber, imports—		in specified countries, 1931-40, 1943-47.....	365, 366
fiscal years, 1934-46.....	485	on farms, 1930-48.....	362, 363
origin, fiscal years, 1945-46.....	524, 525	on feed, 1930-48.....	362, 364
Rural rehabilitation—		shorn for wool, 1930-47.....	376-378
borrower, status, 1946.....	657	prices—	
loans, 1934-48.....	636-641	farm, 1930-47.....	367
		market, 1938-47.....	375

	Page		Page
Sheep—Continued.		Soil—Continued.	
production, disposition and income, 1930-47.	367-369	conservation—Continued.	
receipts at public stockyards, 1938-47.	370	districts—	
shipments, number and costs, 1930-47.	367-369	group enterprise plans, 1947.	685
skins, imports, origin, fiscal years, 1945-46.	516	growth, 1937-47.	680
slaughter—		land use planned, Dec. 31, 1947.	680
annual, 1930-47.	371, 374	number and area, Dec. 31, 1947.	679
by States, 1946-47.	374	practices, by States, Dec. 31, 1947.	682, 683
farm, 1930-47.	367-369, 371	surveys, acreage, 1947.	681
under Federal inspection, 1930-47.	371-373	See also Conservation.	
slaughtered—		surveys, areas mapped, 1947.	687
for home consumption, value, 1930-47.	367-369	Soil Conservation Service—	
live weight, by States, 1947.	374	conservation plans, 1947.	684
value—		land-utilization program, 1947.	686
Jan. 1, 1930-48.	362-364	Sorghums—	
of production, 1930-47.	367-369	acreage, 1929-47.	73-74, 556, 558, 560
See also Lambs; Livestock.		grain—	
Shortening—		farm disposition, 1938-47.	75
consumption—		prices, market, crop years, 1937-47.	76
1931-47.	168	receipts, crop years, 1937-46.	75
per capita, 1931-47.	158, 168	prices, farm, 1929-47.	73, 74, 76
exports and imports, 1938-47.	158	production, 1929-47.	73-75
manufacture, fats and oils used, 1940-47.	159	value, 1929-47.	73
prices, market, 1938-47.	158	yield, 1936-47.	73, 74
production and foreign trade, 1938-47.	158	Sorgo, acreage, 1929-47.	559, 560
stocks on hand and disappearance, 1938-47.	158	Soups—	
See also Fats; Oils.		canned, exports, destination, fiscal years, 1945-46.	511, 512
Silk—		dehydrated, exports, destination, fiscal years, 1945-46.	509
consumption—		Sows—	
1938-47.	95	farrowing, spring and fall, 1930-48.	350, 352
per capita, 1938-47.	95	See also Hogs; Pigs.	
imports—		Soya flour, exports, destination, fiscal years, 1945-46.	504
1938-47.	95	Soybean—	
fiscal years, 1934-46.	483	cake—	
origin, fiscal years, 1945-46.	517	exports, crop years, 1938-47.	155
prices, 1938-47.	95	imports, crop years, 1937-40.	155
Sirup—		imports, origin, fiscal years, 1945-46.	521
corn—		production, crop years, 1937-47.	155
consumption per capita, 1929-47.	72	meal—	
production, exports, and consumption, 1929-47.	116	exports, crop years, 1938-47.	155
maple—		imports, crop years, 1937-40.	155
consumption, 1929-47.	116	imports, origin, fiscal years, 1945-46.	521
imports, 1929-47.	115, 116	prices, market, crop years, 1938-47.	155
prices, farm, 1929-47.	115	production, crop years, 1937-47.	155
production, 1929-47.	115, 116	oil—	
refiners, production and consumption, 1929-47.	116	exports—	
sorgo—		crop years, 1937-47.	155
acreage, yield, prices and value, 1929-47.	114	destination, fiscal years, 1945-46.	504
production, 1929-47.	114	fiscal years, 1934-46.	481
sugarcane—		factory consumption and disappearance, 1945-47.	166
acreage, yield, prices, and value, 1929-47.	113	imports—	
consumption, 1929-47.	116	crop years, 1937-47.	155
production, 1929-47.	113, 116	fiscal years, 1934-46.	484
Sirups, edible, production, foreign trade, and consumption, 1929-47.	116	origin, fiscal years, 1945-46.	523
Sisal, imports—		prices, market, crop years, 1938-47.	155
fiscal years, 1934-46.	483	production, crop years, 1937-47.	155
origin, fiscal years, 1945-46.	520	Soybeans—	
Skins, imports—		acreage, 1929-47.	150-152, 558, 560
fiscal years, 1934-46.	483	crushed, crop years, 1937-47.	155
index numbers, fiscal years, 1929-46.	479	exports—	
origin, fiscal years, 1945-46.	516, 517	destination, fiscal years, 1945-46.	504
Sleeping sickness, infectious equine, incidence and mortality, 1939-47.	397	fiscal years, 1931-46.	150, 154
Snuff—		farm disposition, 1938-47.	149, 153
manufactured, 1938-47.	133	imports, fiscal years, 1929-46.	150, 484
prices, wholesale, 1938-47.	132	prices—	
tobacco leaf used in manufacture, 1938-47.	132	farm, 1929-47.	150, 151
Soap—		market, crop years, 1938-47.	155
consumption—		production, 1929-47.	149-153
1931-47.	168	receipts, crop years, 1940-46.	154
per capita, 1931-47.	168	stocks on and off farms, 1942-48.	153
manufacture, fats, oils, and rosin used, 1940-47.	163	supply and distribution, crop years, 1942-48.	154
Softwoods—		value, 1929-47.	150
eastern, saw timber volume, 1945.	692	yield, 1929-47.	150-152
production and prices, annual, 1929-47.	708	Spear-mint—	
Soil—		acreage, production, and farm prices, 1929-47.	329
building practices—		yield and farm value, 1929-47.	329
payments, 1946.	673	Spinach—	
under conservation program, 1938-46.	674-677	acreage, production, and prices, 1929-47.	271, 272
conservation—		annual shipments, 1938-47.	279
district area, number of farms, and acreage.	679	canned—	
district laws, date effective.	679	exports, destination, fiscal years, 1945-46.	512
		pack, 1929-47.	281
		yield and value, 1929-47.	271

	Page		Page
Squash, canned pack, 1929-47.....	281	Sugarcane—	
Stags, slaughter under Federal inspection, 1938-47.....	346	acreage—	
Starch, exports, fiscal years, 1934-46.....	482	1929-47.....	101, 102, 559, 560
Steers—		production, and yield in Cuba, 1939-48.....	104
beef, prices, market, 1938-47.....	348	prices, farm, 1929-47.....	101-103
number on farms, 1930-48.....	336	production, 1929-47.....	101, 102
prices in—		programs, payments to producers, 1937-47.....	103, 678
Argentina, 1938-47.....	349	receipts, 1938-47.....	103
Canada, 1938-47.....	349	sirup. <i>See</i> Sirup, sugarcane.	
slaughter under Federal inspection, 1938-47.....	346	value, 1929-47.....	101
Strawberries—		yield per acre, 1929-47.....	101, 102
acreage and farm price, 1929-47.....	219	Sugars—	
annual shipments, 1938-47.....	220	consumption—	
production, 1929-47.....	172, 219	1929-47.....	108
yield per acre and value, 1929-47.....	219	per capita, 1929-47.....	108
Sugar—		Sunflower seed, production and imports, 1936-47.....	310
beet—		Sweetclover seed—	
production, 1929-47.....	97, 103	acreage—	
stocks, production, and distribution, 1938-48.....	112	1929-47.....	558, 560
world production, 1930-47.....	106, 107	yield, and production, 1929-47.....	303, 305
cane—		prices, farm, 1929-47.....	303, 305
imports, origin, fiscal years, 1945-46.....	523	value, 1929-47.....	303
produced per ton of cane, 1929-47.....	101, 102	<i>See also</i> Clover seed.	
production in—		Sweetpotatoes—	
Cuba, crop years, 1939-48.....	103, 104	acreage—	
Hawaii, crop years, 1938-47.....	103, 105	1929-47.....	556, 559, 560
Philippine Islands, crop years, 1938-47.....	103, 105	production, and prices, 1929-47.....	273
Puerto Rico, crop years, 1939-48.....	103, 104	annual shipments, 1938-47.....	279
Virgin Islands, crop years, 1938-47.....	103	consumption, 1929-47.....	280
United States, 1929-47.....	101, 102	consumption per capita, 1929-47.....	280
stocks, production, and distribution, 1938-48.....	112	farm disposition, 1929-47.....	274
stocks, receipts, meltings, and deliveries, 1938-47.....	109	production, 1929-47.....	274
world production, 1930-47.....	106, 107	yield and value, 1929-47.....	273
consumption—		Tallow—	
crop years, 1937-47.....	108	factory consumption and disappearance, 1945-47.....	166, 167
per capita, crop years, 1937-47.....	108	imports, fiscal years, 1934-46.....	483
corn, consumption per capita, 1929-47.....	72	Tampico, imports, origin, fiscal years, 1945-46.....	519
exports—		Tangerines—	
crop years, 1937-47.....	108	prices, farm, 1936-47.....	191
destination, fiscal years, 1945-46.....	505	production, 1929-47.....	172, 191
fiscal years, 1934-46.....	482	<i>See also</i> Citrus fruits.	
grape, exports, fiscal years, 1934-46.....	482	Tapioca, imports—	
imports—		fiscal years, 1934-46.....	484
fiscal years, 1934-47.....	108, 485	origin, fiscal years, 1945-46.....	524
index numbers, fiscal years, 1929-46.....	479	Taxes—	
maple—		automotive—	
imports, 1929-47.....	115	1929-47.....	615
prices, farm, 1929-47.....	115	paid by farmers, 1929-47.....	615
production, farm prices, and imports, 1929-47.....	115	farm—	
prices—		property, 1929-47.....	606, 615
at Habana, Cuba, 1938-47.....	109	real estate—	
retail, United States, 1938-47.....	109	1909-47.....	615-617
wholesale, at New York, 1938-47.....	109	index numbers, 1909-47.....	615-617
production in continental U. S. and principal areas supplying sugar, crop years, 1938-47.....	103	motor fuel—	
programs, payments to producers, 1933-47.....	103, 678	1929-47.....	615, 618-620
stocks—		paid by farmers, 1929-47.....	615
production, receipts, and distribution, 1938-48.....	112	Tea—	
production, trade, and supply available, crop years, 1937-47.....	108	exports from principal countries, 1930-47.....	295
trade, international, 1935-39, 1942-47.....	110, 111	imports—	
world production, 1930-47.....	106, 107	fiscal years, 1934-46.....	485
Sugar Act of 1937, payments to producers, 1937-47.....	678	origin, fiscal years, 1945-46.....	523
Sugar beet—		Temperature, selected points, by months, normal and mean, 1947.....	716, 717
pulp, production, 1929-47.....	97	Tenant-purchase borrowers, status, 1946.....	656
seed, acreage, yield, and production, 1932-47.....	98	Timber—	
seed, farm price, value, and foreign trade, 1932-47.....	98	annual drain on commercial forest land, 1934-44.....	695
programs, payments to producers, 1937-47.....	678	cut on national forests, volume and value, fiscal years, 1929-47.....	703
Sugar beets—		growth, current annual, on commercial forest land.....	696, 697
acreage, 1929-47.....	97, 99, 556, 559, 560	saw—	
prices, farm, 1929-47.....	97, 100	annual drain on commercial forest land, 1934-44.....	695
production, 1929-47.....	97, 99	annual growth on commercial forest land.....	696, 697
program, payments to producers, crop years, 1943-47.....	100	volume—	
value, 1929-47.....	97	eastern hardwoods, 1945.....	693
world, acreage and production, 1930-47.....	99	eastern softwoods, 1945.....	692
yield, 1929-47.....	97	on commercial forest land, estimate, 1945.....	694
<i>See also</i> Beets.		western trees, 1945.....	694
		Timothy seed—	
		acreage—	
		1929-47.....	553, 560
		yield, and production, 1929-47.....	303, 304

Timothy seed—Continued.		Page
exports, destination, fiscal years, 1945-46.....	505	
prices, farm, 1929-47.....	303, 304	
value, 1929-47.....	303	
Tobacco—		
acreage, 1929-47.....	122-130, 559, 560	
chewing, manufactured, 1938-47.....	133	
crop insurance, 1945-48.....	629	
exports—		
destination, fiscal years, 1945-46.....	505-507	
fiscal years, 1929-47.....	122, 128-130, 481	
index numbers, fiscal years, 1929-46.....	478	
imports—		
fiscal years, 1929-47.....	122, 485	
index numbers, fiscal years, 1929-46.....	479	
origin, fiscal years, 1945-46.....	523, 524	
leaf—		
manufactured, 1938-47.....	132	
unmanufactured, exports, 1934-46.....	481	
plug, prices, wholesale, 1935-47.....	132	
prices, farm, 1929-47.....	122-125, 128-130	
production, 1929-47.....	122-130	
products—		
manufactured, 1938-47.....	133	
prices, wholesale, 1938-47.....	132	
smoking—		
manufactured, 1938-47.....	133	
prices, wholesale, 1938-47.....	132	
stocks, 1944-48.....	131, 132	
supply and disappearance, 1943-47.....	128-130	
trade, international, 1935-39, 1946-47.....	133, 134	
value, 1929-47.....	122	
world acreage, yield, and production, 1930-39.....		
1945-47.....	126, 127	
yield per acre, 1929-47.....	122-130	
Tomato—		
catsup, exports, fiscal years, 1929-46.....	275	
juice—		
canned—		
exports, destination, fiscal years, 1945-46.....	512	
pack, 1929-47.....	281	
exports, fiscal years, 1936-46.....	275	
paste—		
canned, exports, destination, fiscal years, 1945-46.....	512, 513	
exports, fiscal years, 1936-46.....	275	
imports, fiscal years, 1929-46.....	275	
pulp, canned pack, 1929-47.....	281	
puree, canned, exports, destination, fiscal years, 1945-46.....	512, 513	
Tomatoes—		
acreage and production, 1929-47.....	275-277	
annual shipments, 1938-47.....	279	
canned—		
consumption, 1929-47.....	282	
consumption per capita, 1929-47.....	282	
exports, destination, fiscal years, 1945-46.....	512	
exports, fiscal years, 1929-46.....	275	
imports, fiscal years, 1929-46.....	275	
imports, origin, fiscal years, 1945-46.....	524	
pack, 1929-47.....	281	
consumption—		
1929-47.....	280	
per capita, 1929-47.....	280	
exports—		
destination, fiscal years, 1945-46.....	509	
fiscal years, 1929-46.....	275	
imports—		
fiscal years, 1929-46.....	275, 485	
origin, fiscal years, 1945-46.....	524	
prices, farm, 1929-47.....	275-277	
yield and value, 1929-47.....	275	
Tractor power, use—		
in corn planting, 1939, 1946.....	539	
in farming, 1939, 1946.....	539, 537, 539	
on cotton crop, 1939, 1946.....	539	
on small grains, 1939, 1946.....	537	
Tractors—		
farm and garden, manufactured and shipped, 1929-47.....	533	
number on farms, 1929-48.....	533	
purchases by farmers, 1929-47.....	533	
See also Farm equipment; Machinery, farm.		
Trade, international—		
apples, 1935-39, 1946-47.....	180	
bananas, 1934-38, 1940-47.....	184, 185	
meat, 1934-38, 1946-47.....	390	
rice, 1936-40, 1946-47.....	38, 39	
sugar, 1935-39, 1943-47.....	110, 111	
Trade, international—Continued.		Page
tobacco, 1935-39, 1946-47.....	133, 134	
wool, 1935-39, 1946-47.....	382	
Trails, national forest, construction and betterment, mileage and expenditures, 1947.....	700	
Tree nuts, supply and distribution, 1909-48.....	292	
Trees—		
forest, plantings on farm lands, number and cost, fiscal years, 1929-47.....	704	
western, saw timber volume, 1945.....	694	
Truck crops, commercial—		
acreage, 1929-47.....	229, 230	
production, 1929-47.....	229, 231	
seasonal groupings for fresh market crops.....	228	
value, 1929-47.....	229, 232	
See also Crops; Vegetables; and under specific kinds.		
Tung—		
nuts—		
prices, farm, 1939-47.....	156	
production and value, 1939-47.....	156	
oil—		
exports, 1939-47.....	156	
factory consumption and disappearance, 1945-47.....	167	
imports—		
1939-47.....	156	
fiscal years, 1934-46.....	484	
origin, fiscal years, 1945-46.....	523	
production, 1939-47.....	156	
Turkey—		
Turkey-feed price ratios, 1937-47.....	448	
Turkeys—		
cold-storage stocks, 1930-47.....	462, 473	
consumption—		
1929-47.....	457-461, 462, 473	
per capita, 1929-47.....	462, 473	
dressed, quantity graded, 1938-47.....	472	
farm disposition and income, 1930-47.....	457-461	
imports, 1930-47.....	462	
live weight, average, 1930-47.....	462	
number on farms, 1930-48.....	455, 456	
participation in National Turkey Improvement Plan, 1943-47.....	455	
prices, farm, 1930-47.....	457-461	
production, 1930-47.....	457-462	
Register of Merit, 1943-47.....	455	
sales from farms, 1930-47.....	457-461	
tested for pullorum disease, reactors, 1938-47.....	453	
U. S. Record of Performance, 1943-47.....	455	
value—		
Jan. 1, 1930-48.....	455, 456	
of production, 1930-47.....	457-461	
See also Poultry.		
Turnips, annual shipments, 1938-47.....	279	
Turpentine—		
consumption, 1935-47.....	710	
prices, crop years, 1932-47.....	711	
supply and distribution, crop years, 1938-47.....	712	
See also Naval stores.		
Utilization—		
apples, 1939-47.....	178, 179	
apricots, 1939-47.....	182	
barley, in alcoholic products, 1939-47.....	70	
cherries, 1938-47.....	188-190	
corn—		
by States, 1946-47.....	45	
in alcoholic products, crop years, 1938-46.....	51	
fats, 1940-47.....	163	
grapes, 1938-47.....	202, 203	
land, census years, 1880-1945.....	527	
milk, 1930-47.....	405, 407, 409-415	
olives, 1929-47.....	163	
peaches, 1938-47.....	204	
pears, 1938-47.....	211, 212	
plums, 1934-47.....	215	
prunes, 1929-47.....	216, 218	
rosin, 1940-47.....	163	
rye, in alcoholic products, 1939-47.....	30	
Value—		
crops—		
principal, 1945-47.....	557	
specific. See under name of specific crop.		
truck, 1929-47.....	229, 232	
exports, fiscal years, 1929-46.....	474-477	
farm property, 1929-48.....	532	
imports, fiscal years, 1929-46.....	474-477	
livestock, 1937-48.....	532	

	Page		Page
<b>Veal—</b>		<b>Weights—</b>	
canned, exports, fiscal years, 1934-46.....	480	equivalent measures.....	4-5
consumption—		tables, explanation.....	3
1929-47.....	389	<b>Wheat—</b>	
per capita, 1929-47.....	389	acreage, 1929-47.....	7-13, 556, 558, 560
exports, fiscal years, 1934-46.....	480	cereal, consumption per capita, 1929-47.....	72
imports—		consumption—	
fiscal years, 1934-46.....	483	1929-47.....	72
inspected and passed, 1938-47.....	385	per capita, 1929-47.....	19, 72
production, 1929-47.....	386, 389	crop insurance, 1939-48.....	626, 626, 629
quantity graded, 1938-47.....	387, 388	exports—	
world production, 1934-38, 1946-47.....	386	destination, fiscal years, 1945-46.....	500
<b>Vegetable—</b>		fiscal years, 1929-47.....	7, 17, 18, 481
fats. <i>See</i> Fats, vegetable.		index numbers, fiscal years, 1929-46.....	478
juices, canned, exports, destination, fiscal		farm disposition, 1938-47.....	14-16
years, 1945-46.....	513	flour—	
oils. <i>See</i> Oils, vegetable.		consumption per capita, 1929-47.....	72
products—		exports, destination, fiscal years, 1945-46.....	500, 501
exports, destination, fiscal years, 1945-46.....	492-513	exports, index numbers, fiscal years, 1929-46.....	478
imports, origin, fiscal years, 1945-46.....	519-525	imports, origin, fiscal years, 1945-46.....	521
seeds—		prices, crop years, 1938-47.....	22
acreage and production, 1941-47.....	311	futures—	
admitted under Federal Seed Act, fiscal		open contracts, crop years, 1938-47.....	23
years, 1945-47.....	313	prices, crop years, 1938-47.....	23
stocks on hand, 1941-47.....	312, 313	trading, crop years, 1938-47.....	22
<i>See also</i> Seeds.		imports—	
<b>Vegetables—</b>		fiscal years, 1929-47.....	7, 18
acreage, 1929-47.....	559, 561, 562	origin, fiscal years, 1945-46.....	521
annual shipments, 1938-47.....	279	loan program, Commodity Credit Corpora-	
canned—		tion, 1933-47.....	667-669
consumption, 1929-47.....	282	prices—	
consumption per capita, 1929-47.....	282	farm, 1929-47.....	7, 9, 10, 11
exports, destination, fiscal years, 1945-46.....	510-513	market, crop years, 1929-47.....	7, 22
pack, 1929-47.....	281	production—	
cold-storage holdings, 1938-47.....	287	1929-47.....	7-17
consumption—		costs, 1938-46.....	21, 604
1929-47.....	280	receipts, crop years, 1942-46.....	20
per capita, 1929-47.....	280	stocks—	
dehydrated, exports, destination, fiscal years,		by classes, crop years, 1938-47.....	17
1945-46.....	509, 510	in all positions, July 1, 1938-47.....	19
exports, destination, fiscal years, 1945-46.....	507-509	on and off farms, crop years, 1938-47.....	14, 17, 19
fresh, inspection, crop years, 1938-47.....	286	supply and distribution, crop years, 1938-47.....	19
frozen, pack, by—		value, 1929-47.....	7
areas, 1947.....	283	yields, 1929-47.....	7, 8, 12, 13
varieties, 1937-47.....	283	<b>Wood-pulp production, annual, 1929-47.....</b>	<b>708</b>
imports—		<b>Wool—</b>	
fiscal years, 1934-46.....	485	carpet, imports, 1930-47.....	378
origin, fiscal years, 1945-46.....	524	consumption—	
processed, inspection, crop years, 1939-47.....	286	1938-47.....	95, 381
unloads at markets, 1938-47.....	284, 285	per capita, 1938-47.....	95
<i>See also</i> Truck crops; and under specific kinds.		exports, 1930-47.....	378
<b>Velvetbeans—</b>		grease, factory consumption and disappear-	
acreage, yield, and production, 1929-47.....	331	ance, 1945-47.....	167
value and farm price, 1929-47.....	331	imports—	
Veterans Administration, farm loans, 1945-47.....	660	1930-47.....	378
Virgin Islands, trade with continental U. S.,		fiscal years, 1934-46.....	483
value, crop years, 1934-46.....	478	index numbers, fiscal years, 1929-46.....	479
<b>Wages, farm—</b>		origin, fiscal years, 1945-46.....	517, 518
1929-47.....	606	income, 1930-47.....	376-378
per hour and per day, selected weeks, 1945-		prices—	
47.....	552, 553	at London, 1938-47.....	381
rates—		farm, 1930-47.....	376-378
1929-47.....	549, 550	market, 1938-47.....	381
by types, seasonal and regular hired workers,		production, 1930-47.....	376-379
selected weeks, 1945-47.....	552, 553	purchases and sales by Commodity Credit	
index numbers, 1929-47.....	549, 550	Corporation, 1943-48.....	380
types, selected weeks, 1945-47.....	551	stocks—	
<b>Walnuts—</b>		Jan. 1, 1935-47.....	378
English. <i>See</i> Walnuts, Persian.		of Commodity Credit Corporation, March	
exports, destination, fiscal years, 1945-46.....	502, 503	31, 1948.....	380
imports, origin, fiscal years, 1945-46.....	522	trade, international, 1935-39, 1946-47.....	382
Persian—		weight per fleece, 1930-47.....	376-378
exports, fiscal years, 1934-46.....	290	world production, 1931-40, 1943-47.....	379
imports, fiscal years, 1929-46.....	290, 484	<b>Wool-top futures—</b>	
production in foreign countries, 1930-39,		open contracts, 1938-47.....	381
1942-47.....	291	trading, 1938-47.....	381
production, prices, and value, 1929-47.....	290	<b>Workers, farm—</b>	
<b>Warehouse space, refrigerated, biennially, 1925-</b>		foreign, employment, 1946-47.....	549
<b>47.....</b>	<b>725</b>	hired—	
<b>Water—</b>		hours worked, selected weeks, 1945-47.....	552, 553
conservation. <i>See</i> Conservation.		number and sex, 1945-47.....	551
facilities borrower, status, 1946.....	659	number of days of work, 1945-47.....	551
<b>Watermelons—</b>		percentage, by type of wage rate, selected	
acreage, production, and prices, 1929-47.....	278	weeks, 1945-47.....	551
annual shipments, 1938-47.....	279	percentage of seasonal and regular, selected	
yield and value, 1929-47.....	278	weeks, 1945-47.....	553
<i>See also</i> Melons.		<i>See also</i> Labor; Employment.	

